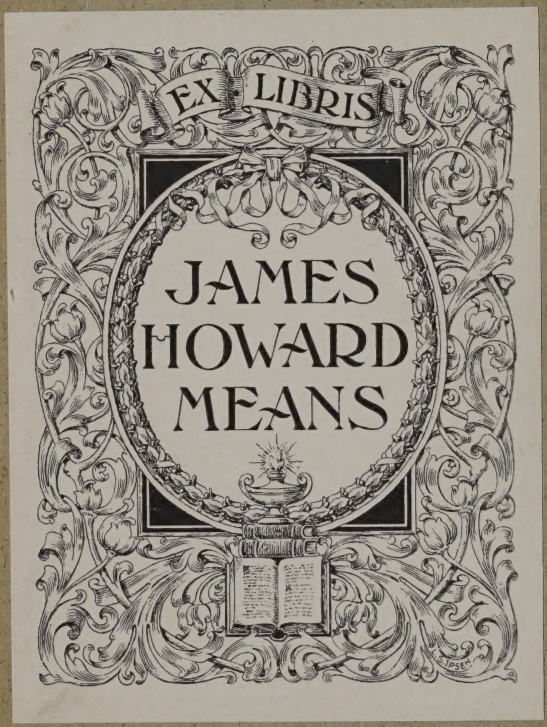

EX LIBRIS
JAMES
HOWARD
MEANS

DR. JAMES H. MEANS
MASSACHUSETTS GENERAL HOSPITAL
BOSTON

One Hundred and Fourth Annual Report

OF THE

TRUSTEES

OF THE

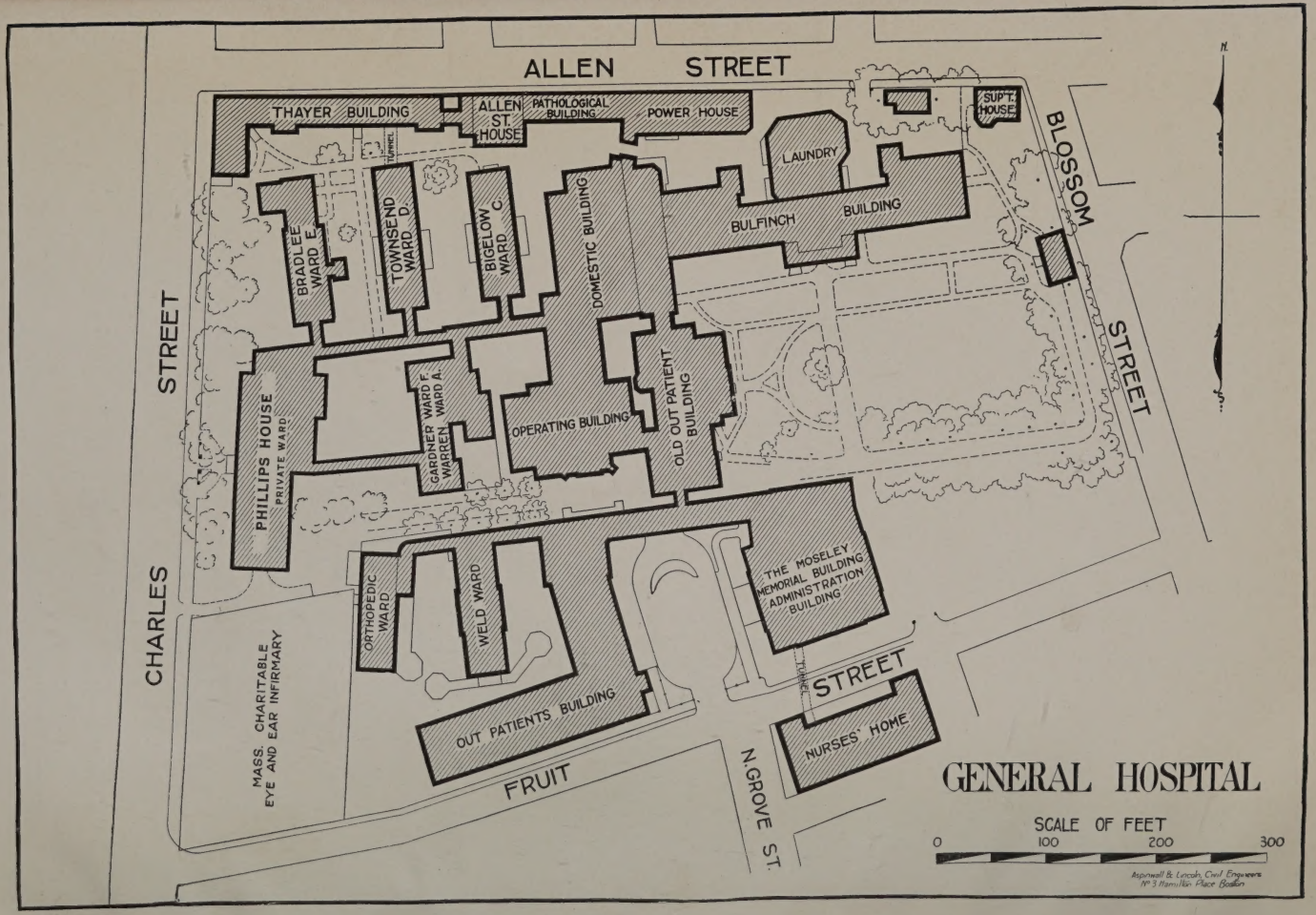
Massachusetts General Hospital

Including the General Hospital in Boston,
the McLean Hospital and the
Convalescent Hospital
in Waverley

1917

SECTION A

CAMBRIDGE
THE UNIVERSITY PRESS



PLAN OF GROUNDS, GENERAL HOSPITAL

NOTICE.

The annual report of the Massachusetts General Hospital is now published in two sections. Section B contains the report of the Trustees, the signed report of the Administrator, the report of the Executive Committee, and the medical and surgical tables of the General Hospital.

One Hundred and Fourth Annual Report

OF THE

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Massachusetts General Hospital

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in Waverley

1917

SECTION A

CAMBRIDGE
THE UNIVERSITY PRESS

The legal title of the Corporation is

"The Massachusetts General Hospital."

All gifts and bequests, if without restriction, will be used as the Trustees deem most for the interest of the Corporation and its Beneficiaries.

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THE ONE HUNDRED AND FOURTH ANNUAL REPORT FOR THE YEAR 1917

In behalf of the Trustees the following report upon the Massachusetts General Hospital is submitted.

Last year's report referred to the establishment of The Moseley Memorial Building erected for the administration purposes of the hospital, and we take pleasure in saying that all the statements thereof with regard to the importance and value to the hospital of this new building have been more than fulfilled.

During the year the hospital in its Boston branch has in its hospital rooms and wards cared for 7,380 patients; in the Out-Patient Department has cared for 31,104 new patients, the total number of visits being 205,524. In the McLean Hospital at Waverley there have been 357 patients. The ambulance has responded to 1,358 calls, and the visits to the Emergency Ward have numbered 6,045. In the Out-Patient Department 10,161 patients have received the benefit of the X-ray, and in the hospital itself 4,125 have had similar treatment. There have also been 4,354 fluoroscopic examinations.

The year has been one of very great strain upon the finances of the hospital, and the Trustees have felt it necessary to adopt every possible measure of economy, and therefore they felt obliged to close the Convalescent Hospital, as it appeared in their opinion that here some saving might be made. For the same reason they decided it to be necessary to close on July 1, 1917, the Hydrotherapeutic Department, and on September 10, 1917, the Medico-Mechanical Department, and on September 28, 1917, the Consultation Clinic. All these

measures were adopted after most careful consideration and with the greatest regret on the part of the Trustees that such action should be necessary, but need for economy seemed to be imperative. It is earnestly hoped by the Trustees that these departments closed for economy's sake may be reopened and again serving the public before many months.

PHILLIPS HOUSE.

The private ward, so called, being a ward which is constructed for the reception of paying patients who have the right to employ their own physicians, provided they are members of our staff or our alumni, as described in the report of last year, was opened and the first patient received on May 17, 1917, and it is quite an interesting fact connected with the history of the hospital that this first patient was Dr. John Collins Warren, the grandson of Dr. John Collins Warren, who with Dr. Jackson was one of the founders of the Massachusetts General Hospital. It is a pleasure to report that Dr. Warren proved the efficacy of the private ward by making a very rapid recovery.

Every patient in any part of the private ward has within the control of his physician or surgeon something which he cannot have even in his own home, namely, recourse without an instant's delay to all the resources of a great hospital kept constantly abreast with the latest medical knowledge of the world.

All risk and danger from delay is thus practically eliminated, an advantage which might often save a valuable life.

During the year a portion of the ward has been devoted to a Maternity Department, which will be maintained hereafter, as we believe greatly to the advantage of the community. We hope that many will avail themselves of it, securing thus as efficient and safe care as can be obained anywhere in the world at the time of

PHILLIPS HOUSE
(New Private Ward)

child-birth, and we request every friend of the hospital constantly to bear in mind the Maternity Department and to use every effort to bring it before the public. Special emphasis should be laid upon the statement that every patient may have, if she chooses, her own physician when her baby is born, provided he is a member of our staff or our alumni.

The service being in the private ward has been very highly regarded by all the patients there, and by all the physicians and surgeons who have been on duty there in relieving their patients.

The ward will be hereafter called "Phillips House," having been so named in honor of William Phillips, formerly Lieutenant Governor of Massachusetts, and his father of the same name who was the first citizen of Boston to bequeath a considerable sum to the hospital, which bequest, supplemented by gifts from his family, was of the greatest importance in the early critical days.

FREE BEDS.

We gratefully acknowledge the contributions made by many of our friends for free beds and regret the gaps made in their ranks by the deaths of the past years.

MASSACHUSETTS GENERAL HOSPITAL UNIT.

The Massachusetts General Hospital Unit, referred to in our last report, after the declaration of war against Germany by the United States, very early was organized for service abroad as United States Army Base Hospital No. 6, and on July 9, 1917, departed and is now on duty in France under command of Major Frederic A. Washburn, Medical Reserve Corps, U. S. A., who has so long been our Resident Physician and Administrator.

The Unit consisted at the time of its departure of 26 officers, 66 nurses and 155 enlisted civilians — 247 persons in all.

A large part of the money required in the preparation of the Unit and its transport to France was furnished by the Red Cross. We have every reason to believe that the service of the Unit has been of the very highest quality, and we feel sure that it has been highly appreciated by our Allies in France.

Since the departure of Dr. Washburn, Assistant Administrator Joseph B. Howland has acted as Administrator and Resident Physician in the place of Dr. Washburn.

Dr. George W. Holmes was appointed by the board as Roentgenologist to take the place of Dr. Walter J. Dodd whose lamented death was reported in our last report, and we refer our readers to his report which will be found of great interest and value.

As Trustees, we report with great regret the resignation of Dr. Farrar Cobb, Visiting Surgeon, on February 7, 1917; of Dr. John W. Hammond, Physician to the Children's Medical Out-Patient Department, on April 6, 1917; that of Dr. Chandler Robbins, Assistant Laryngologist, on April 6, 1917; that of Dr. John B. Hartwell, Assistant Surgeon to Out-Patients, on May 18, 1917, and that of Dr. Louis W. Gilbert, Physician to Children's Medical Out-Patient Department, on June 15, 1917.

On October 22, 1917, a relief ward for patients who are connected with the United States Navy was established in the hospital in the room formerly used for the service of the Zander apparatus, which we had previously been compelled temporarily to discontinue in order to save expense.

Since that time there have been in the hospital during 1917, 120 patients in this relief ward, and we believe the

hospital has rendered an efficient and patriotic service in this way, although we greatly regret the temporary discontinuance of the Zander Department, which had promised so well and so much.

INFANTILE PARALYSIS.

We refer to the report of the General Executive Committee for an account of the clinic on this subject, to which special care has been given.

ETHER DAY.

No formal Ether Day celebration was held this year, but Dr. John Collins Warren very kindly spoke informally on the Anniversary to the house pupils and members of the Training School, his subject being "The Discovery of Anæsthesia."

THE FINANCIAL SITUATION.

Our last report calls attention to the fact of the increased cost of everything used in the hospital, and it is needless to say that this difficulty has only increased during the last year; but by ceaseless care on the part of the Treasurer, the Administrator and all of the persons holding office or employed in the hospital, the deficit has not been as great as we had feared early in the year, shortly after the declaration of war. Even now, this deficit will amount to one hundred and seventy thousand dollars for the calendar year 1917, which deficit was made good from the capital of our invested funds.

Our friends should know that the hard times and the many claims upon the rich in the way of income taxes, Liberty Bonds, Red Cross and Y. M. C. A. have reduced the gifts we have received, so that we regard the future with great anxiety for the hospital.

We have had no decision in the tax litigation referred to in our last report, though we are hopeful that some relief may result therefrom in the reduction of the deficit.

It has been very gratifying that the necessary changes caused by the severest economy which we have been compelled to practise, have been met with the noblest spirit upon the part of our employees, who have done everything in their power to assist and to save.

We have received during the year 1917 donations for the general fund amounting to $28,593.70, and donations for the restricted funds amounting to $84,194.67.

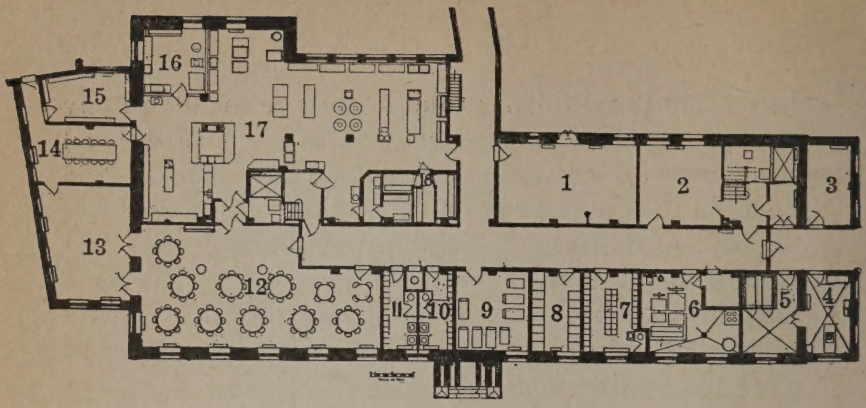
The Trustees must again express their appreciation of the great amount of voluntary service which has again been given to the hospital during the year 1917, in which connection we may mention the notable case of Dr. Frederick C. Shattuck. They also desire to call attention to the Treasurer's report, the report on donations, the report of the Ladies' Visiting Committee, the report on social service, and also to the valuable reports of Dr. Howland and Dr. Tuttle, and the other reports published in connection herewith.

And now a few words of the probable future development of the hospital. The expensive equipment and scientific organizations found only in large hospitals and now considered necessary for the diagnosis and cure of so many of our physical troubles, will force people to come to hospitals for treatment. Taking a large view of their charitable trust, the Trustees of this hospital have felt that its splendid equipment should be available to all classes of society—first, to those who can pay full value for its use and for the professional service given them; second, to those who can pay a

lesser sum; and third, to those who are unable to pay anything. The first and last classes are already well provided for, but provision should be made in this hospital for the large so-called middle class in the community, so that at a cost for professional service and treatment within their means they can receive the same hospital care that this hospital now offers to people of wealth and to the poor. The Trustees are now at work upon this problem.

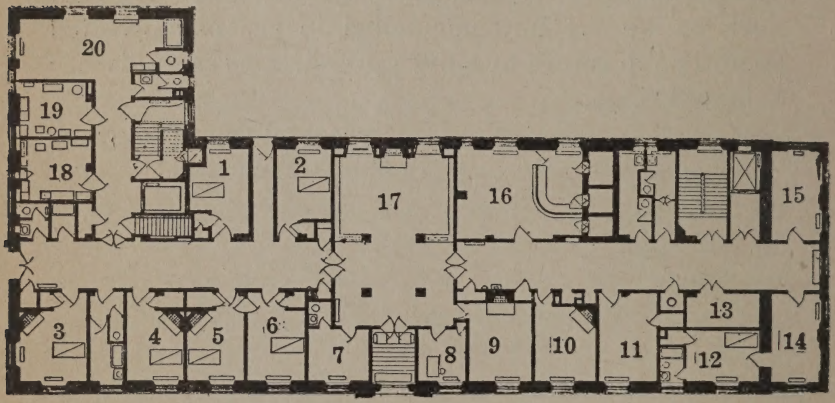
We earnestly implore all the citizens of Massachusetts to keep constantly in mind the daily and hourly needs of this great charity for its daily and hourly service, and beg them to give all they can for its support, as we are now compelled to use our invested capital or to refuse to relieve pressing cases of disease and suffering.

George Wigglesworth.
Moses Williams.



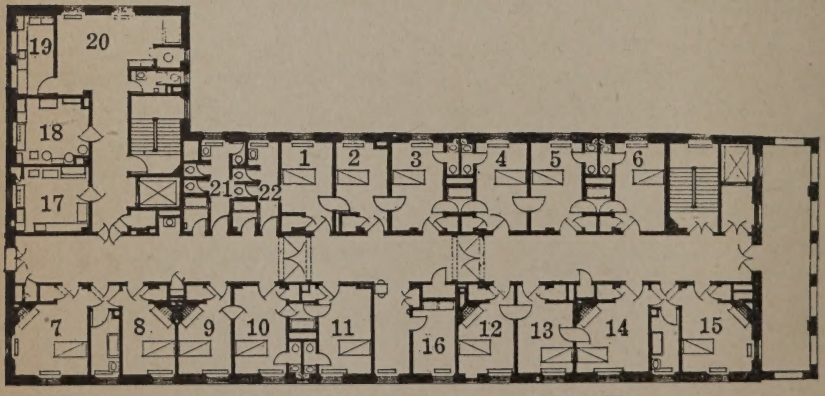
Plan of basement, Phillips House

1. Receiving room.
2. Apothecary.
3. Stores.
4. Autopsy room.
5. Morgue.
6. Refrigerating plant.
7. Nurses' locker room.
8. Trunk storage.
9. Food truck room.
10. Women's locker room.
11. Men's locker room.
12, 13. Nurses' dining rooms.
14. Kitchen help's dining room.
15. Pantry.
16. Pastry kitchen.
17. Kitchen.



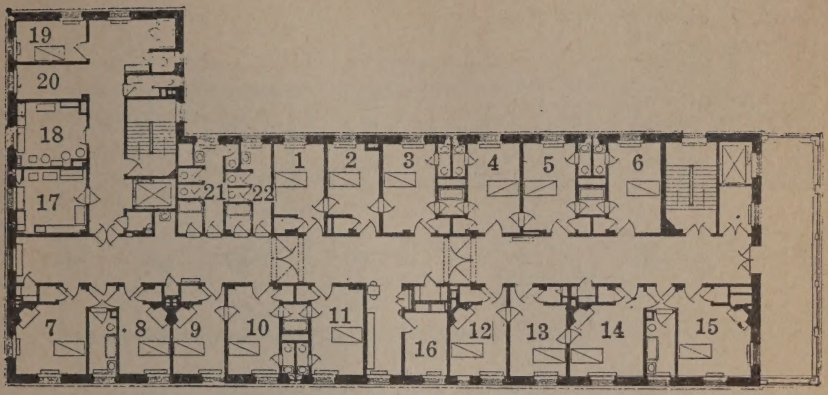
Plan of first floor, Phillips House

1 to 6. Patients' rooms.
7. Physicians' room.
8. Telephone room.
9, 10. Reception rooms.
11. Superintendent's office.
12 to 14. X-ray rooms.
15. Administrator's office.
16. Business office.
17. Library.
18. Diet kitchen.
19. Utility room.
20. Wheel chair space.



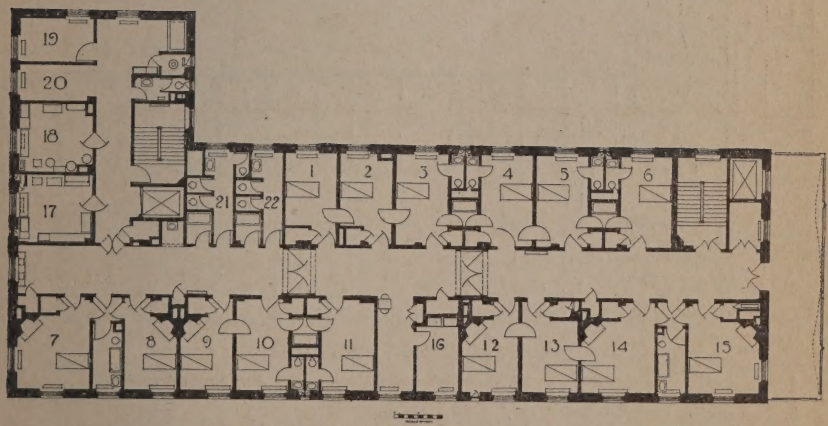
Plan of second and seventh floors, Phillips House

1 to 15. Patients' bedrooms.
16. Nurses' sitting room.
17. Diet kitchen.
18. Utility room.
19. Clinical laboratory.
20. Wheel chair space.
21, 22. Patients' toilet rooms.



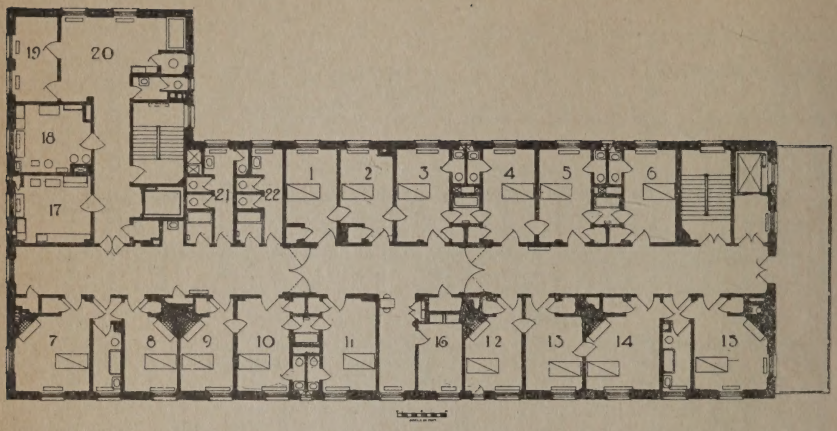
Plan of third and sixth floors, Phillips House

1 to 15. Patients' bedrooms.
16. Nurses' sitting room.
17. Diet kitchen.
18. Utility room.
19. Patients' bedroom.
20. Wheel chair space.
21, 22. Patients' toilet rooms.



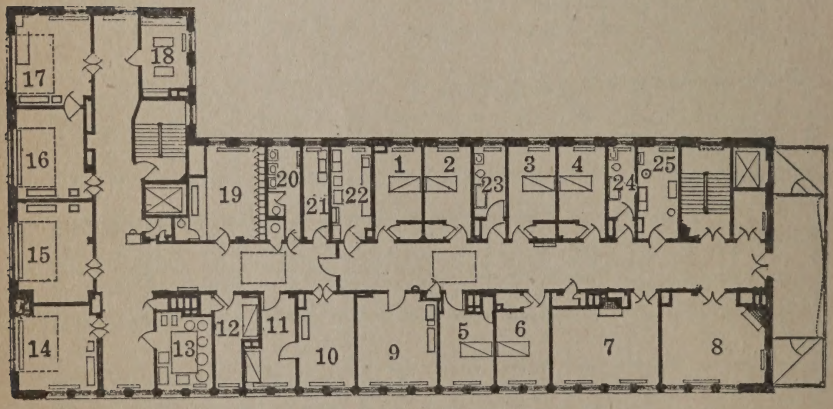
Plan of fourth floor, Phillips House

1 to 15. Patients' bedrooms.
16. Nurses' sitting room.
17. Diet kitchen.
18. Utility room.
19. Nursery.
20. Wheel chair space.
21, 22. Patients' toilet rooms.



Plan of fifth floor, Phillips House

1 to 15. Patients' bedrooms.
16. Nurses' sitting room.
17. Diet kitchen.
18. Utility room.
19. Linen room.
20. Wheel chair space.
21, 22. Patients' toilet rooms.



Plan of eighth floor, Phillips House

1 to 6. Patients' bedrooms.
7. Billiard room.
8. Sun parlor.
9. Plaster room.
10. Throat operating room.
11, 12. Anesthetizing rooms.
13. Sterilizing room.
14 to 16. Operating rooms.
17. Delivery room.
18. Supply room.
19. Surgeons' locker and wash room.
20. Nurses' wash room.
21. Instrument washing room.
22. Diet kitchen.
23, 24. Patients' toilet rooms.
25. Utility room.

MEMBERS OF THE MASSACHUSETTS GENERAL HOSPITAL AND MCLEAN HOSPITAL STAFF WHO HAVE ENTERED MILITARY SERVICE DURING THE YEAR

Abbot, E. Stanley, *Major*.....M. R. C.
*Adams, Z. B., *Captain*.....M. R. C.
Allen, A. W., *1st Lieut*.....M. R. C.
*Aub, J. C., *1st Lieut*.....M. R. C.
Austin, A. E., *Major*.....M. R. C.
Brackett, E. G., *Major*.....M. R. C.
Bunker, S. M., *Captain*.....M. R. C.
Cabot, Hugh, *Lieut. Col*.....R. A. M. C. (British)
*Cabot, R. C., *Major*.....M. R. C.
Cady, F. B. M., *1st Lieut*.....M. R. C.
*Clymer, George, *1st Lieut*.....M. R. C.
Crabtree, E. G., *Major*.....R. A. M. C. (British)
Danforth, M. S., *Captain*.....M. R. C.
*Davis, Lincoln, *Major*.....M. R. C.
Derby, G. S., *Captain*.....M. R. C.
Eaton, H. B., *1st Lieut*.....M. R. C.
Fiege, H. R., *1st Lieut*.....M. R. C.
Forbes, H. S., *1st Lieut*.....M. R. C.
Gœthals, T. R., *1st Lieut*.....M. R. C.
Greenough, R. B., *Lieut. Comdr*.....U. S. N. R. F.
*Gullifer, W. H., *1st Lieut*.....M. R. C.
Harkins, W. J., *1st Lieut*.....M. R. C.
Harmer, T. W., *Captain*.....M. R. C.
*Hatch, R. A., *1st Lieut*.....M. R. C.
Hollings, Byam, *Major*.....M. R. C.
Knowles, W. F., *Major*.....M. R. C.
Lee, R. I., *Major*.....M. R. C.
*Leland, G. A., Jr., *1st Lieut*.....M. R. C.
MacIver, G. A., *1st Lieut*.....M. R. C.
Macomber, Donald, *Captain*.....M. R. C.
*Marble, H. C., *Captain*.....M. R. C.
Marvin, F. W., *1st Lieut*.....M. R. C.
*Means, J. H., *Captain*.....M. R. C.
*Merrill, A. S., *Captain*.....M. R. C.
Miller, R. H., *1st Lieut*.....M. R. C.
*Mixter, W. J., *Captain*.....M. R. C.
Mosher, H. P., *Major*.....M. R. C.

* With U. S. A. Base Hospital No. 6 (Massachusetts General Hospital Unit).

*Oliver, E. L., *Captain*.....M. R. C.
*O'Neil, R. F., *Captain*.....M. R. C.
Osgood, R. B., *Major*.....M. R. C.
Otis, W. J., *Captain*.....M. R. C.
Packard, G. B., Jr., *1st Lieut*.....M. R. C.
Peabody, C. W., *1st Lieut*.....M. R. C.
Porter, C. T., *1st Lieut*.....M. R. C.
Pratt, J. H., *Major*.....M. R. C.
Quackenboss, Alexander, *Major*.....M. R. C.
Reid, W. D., *1st Lieut*.....M. R. C.
Rogers, M. H., *Captain*.....M. R. C.
Savage, J. C., *1st Lieut*.....M. R. C.
Shattuck, G. C., *Major*.....R. A. M. C. (British)
Spooner, L. H., *Captain*.....M. R. C.
Stoddard, J. K., *1st Lieut*.....M. R. C.
Strong, R. P., *Major*.....M. R. C.
*Tobey, H. G., *1st Lieut*.....M. R. C.
*Vincent, Beth, *Captain*.....M. R. C.
Walcott, W. W., *Captain*.....M. R. C.
*Washburn, F. A., *Major*.....M. R. C.
Wells, F. L., *Captain*.....S. R. C.
*White, P. D., *1st Lieut*.....M. R. C.
*Wright, Wade, *1st Lieut*.....M. R. C.

DONATIONS AND BEQUESTS 1917

The Committee on the Book of Donations reports that the following donations and legacies have been received during the year:

GENERAL FUND.

Donation of W. B. P. Weeks	$25.00	
Donation of Archibald Cary Coolidge	10.00	
Donation of F. W. Hunnewell, 2nd	25.00	
Donation of Mrs. F. G. Curtis	25.00	
Donation of Mrs. J. T. Coolidge	50.00	
Donation of Mrs. Geoffrey G. Whitney	50.00	
Donation of Mrs. Atherton Thayer Brown	10.00	
Donation of Miss M. L. Blake	10.00	
Donation of Mrs. Anna S. C. Prince	1,100.00	
Donation of Albert Farwell Bemis	10.00	
Donation of Charles W. Hubbard	50.00	
Donation of Mrs. S. Parkman Blake	50.00	
Bequest of Caroline E. Davis	334.88	
Donation of Mrs. Stephen S. FitzGerald	10.00	
Donation of Mrs. R. M. Saltonstall	50.00	
Donation of Miss Eleanor S. Parker	200.00	
Donation of Mrs. George Putnam	100.00	
Bequest of Francis Skinner, Sr.	260.79	
Donation of J. Randolph Coolidge	200.00	
Donation of Edward M. Brewer	50.00	
Donation of S. T. Russell	50.00	
Donation of Mrs. William Whitman, Jr.	25.00	
Donation of Mrs. Harcourt Amory	50.00	
Donation of The S. S. W.	10.00	
Donation of Captain Blackwell	10.00	
Donation of The Humane Society of the Commonwealth of Massachusetts	500.00	
Donation of E. S. C.	100.00	
Donation of Miss Marian F. Young	5.00	
Yearly Free Beds for 1917	25,223.03	
		$28,593.70

TEN YEAR FREE BED FUND.

Donation of Frank G. Webster	$1,000.00	
Donation of Mrs. Elizabeth Cabot Lyman	1,000.00	
Donation of The Misses Kimball	1,000.00	
		$3,000.00
Carried forward		$31,593.70

Brought forward		$31,593.70

RESTRICTED FUNDS.

Donation of Mrs. Henry S. Grew	$5,000.00	
For a Life Free Bed.		
Donation of Anonymous (through Mr. William Endicott)	25,000.00	
To be added to the William Endicott Fund.		
Donation of Timothy Paige	4,000.00	
Income to be used for the support of Free Beds.		
Bequest of Dr. John M. Harlow and Frances K. Harlow	4,374.95	
To be added to the Dr. John M. Harlow Fund.		
		$38,374.95

RESTRICTED FUNDS — INCOME UNRESTRICTED

Bequest of Arthur G. Tompkins	$25,000.00
To be known as the Tompkins Fund.	

TRAINING SCHOOL FOR NURSES ENDOWMENT FUND.

Donation of Miss Charlotte M. Perry	$40.00	
Donation of Mrs. Marie A. Sirois	25.00	
Donation of Miss Mary R. Wiggin	25.00	
Donation of Miss Helen Redfern	10.00	
Donation of Mrs. Justin Starkie	5.00	
Donation of Miss Burtella L. Tompkins	5.00	
Donation of Miss Ella M. Tompkins	10.00	
Donation of Miss Blanche M. Craven	10.00	
Donation of Miss Mae G. Rodger	10.00	
Donation of Miss Alice O. Tippett	10.00	
Donation of Miss Annabella McCrae	10.00	
Donation of A Friend		
in name of Margaret Russell	100.00	
in memory of Mary Kelley Johanesson	100.00	
Donation of Miss Edith Hinchcliffe	12.00	
Donation of Miss Mary E. McElligot	10.00	
Donation of Dr. E. Lawrence Oliver	10.00	
Donation of Miss Eunice A. Smith	25.00	
Donation of Miss Myra A. Whitney	5.00	
Donation of Miss Carrie M. Hall	50.00	
Donation of Mrs. Amelia S. Crane	102.00	
Donation of Miss Frances P. West	45.00	
Donation of Miss Edith F. Moulton	10.00	
Donation of Miss Laura E. Currier	12.00	
Donation of Mrs. Henry D. Evans	5.00	
Donation of Mrs. George H. Rogers	10.00	
Donation of Miss Hilda George	100.00	
Donation of Miss Annie H. Smith	5.00	
Donation of Miss Helen Wood	25.00	
Donation of Miss Helen B. Fenton	5.00	
Donation of Mrs. W. S. Ely	500.00	
Carried forward	$1,291.00	$94,968.65

Brought forward	$1,291.00	$94,968.65
Donation of Miss Fanny R. Slayton	10.00	
Donation of Mrs. Daniel Coakley	102.00	
Donation of Miss Winifred H. Brooks	25.00	1,428.00

DR. WALTER J. DODD MEMORIAL FUND.

Donation of A Friend	$1,000.00	
Donation of A Friend	2.00	
Donation of Dr. & Mrs. F. A. Washburn	100.00	
Donation of G. N. Talbot	100.00	
Donation of Dr. Vincent Y. Bowditch	5.00	
Donation of Dr. James B. Ayer	10.00	
Donation of Dr. Henry M. Chase	5.00	
Donation of Dr. John W. Cummin	15.00	
Donation of Dr. J. Collins Warren	50.00	
Donation of Dr. H. K. Boutwell	5.00	
Donation of Dr. Herman F. Vickery	10.00	
Donation of Dr. Mabel D. Ordway	10.00	
Donation of Dr. Charles J. White	15.00	
Donation of Dr. W. E. Paul	25.00	
Donation of Dr. E. A. Codman	25.00	
Donation of Mrs. Marion J. Means	25.00	
Donation of Dr. J. Payson Clark	25.00	
Donation of Dr. L. L. Bigelow	5.00	
Donation of Dr. James J. Putnam	25.00	
Donation of Dr. F. B. Lund	100.00	
Donation of Dr. Richard C. Cabot	100.00	
Donation of Dr. E. W. Emerson	5.00	
Donation of Dr. George H. Wright	50.00	
Donation of Dr. E. P. Bagg, Jr.	5.00	
Donation of Dr. Robert B. Osgood	10.00	
Donation of Dr. Joseph L. Goodale	3.00	
Donation of Dr. George M. Sheahan	5.00	
Donation of Dr. Wilder Tileston	10.00	
Donation of Dr. Henry Lee Morse	25.00	
Donation of Lieut. Col. H. H. Shaw	5.00	
Donation of Dr. Henry L. Sanford	10.00	
Donation of Dr. Elisha Flagg	25.00	
Donation of Dr. F. H. Davenport	25.00	
Donation of Dr. F. Van Nuys	2.00	
Donation of Dr. Robert M. Green	5.00	
Donation of Drs. E. P. & E. D. Joslin	10.00	
Donation of Dr. R. M. Smith	10.00	
Donation of Dr. Adelbert S. Merrill	5.00	
Donation of Dr. Richard Dexter	15.00	
Donation of Dr. Elliott C. Cutler	10.00	
Donation of Dr. George H. Monks	10.00	
Donation of George Wigglesworth	1,000.00	
Donation of Dr. George S. Derby	15.00	
Donation of Dr. John W. Elliot	100.00	
Donation of Mrs. Louis Agassiz Shaw	4.00	
Donation of Dr. Walter C. Seelye	5.00	
Donation of Dr. Frederick W. Taylor	5.00	
Carried forward	$3,031.00	$96,396.65

Brought forward	$3,031.00	$96,396.65
Donation of Dr. Herbert C. Moffitt	100.00	
Donation of Dr. W. F. Whitney	5.00	
Donation of Dr. Hyman Morrison	5.00	
Donation of Dr. Seabury W. Allen	10.00	
Donation of Dr. A. A. Davis	10.00	
Donation of Dr. Walter I. Baldwin	10.00	
Donation of Dr. George K. Sabine	5.00	
Donation of Dr. Theodore J. Eastman	10.00	
Donation of Dr. Henry S. Forbes	10.00	
Donation of Dr. Joseph B. Howland	10.00	
Donation of Dr. James J. Minot	50.00	
Donation of Dr. Marshal Fabyan	100.00	
Donation of Dr. Herbert B. Howard	25.00	
Donation of Dr. Franklin G. Balch	100.00	
Donation of Dr. Horace Binney	10.00	
Donation of Dr. Francis W. Peabody	10.00	
Donation of Dr. Chauncey W. Norton	25.00	
Donation of Dr. William H. Buffum	5.00	
Donation of Dr. James L. Gamble	20.00	
Donation of Dr. Edward L. Young, Jr.	5.00	
Donation of Dr. Augustus Thorndike	250.00	
Donation of Dr. Charles G. Mixter	5.00	
Donation of Dr. Herbert J. Hall	10.00	
Donation of Dr. Lloyd T. Brown	10.00	
Donation of Dr. Charles N. Meader	10.00	
Donation of Dr. W. P. Graves	5.00	
Donation of Dr. Charles S. Butler	25.00	
Donation of Dr. Russell T. Congdon	5.00	
Donation of Dr. Charles Edwin Briggs	25.00	
Donation of Dr. Harvey P. Towle	10.00	
Donation of Dr. John B. Hawes, 2nd	10.00	
Donation of Mrs. Mabel Burleigh Chase	35.00	
Donation of Dr. William Jason Mixter	25.00	
Donation of Dr. H. P. Greeley	5.00	3,986.00

TREADWELL LIBRARY FUND.

Donation of Dr. John W. Elliot	$1,000.00

SOCIAL SERVICE FUND.

Donation of Miss Susan P. Atkinson	$100.00

NEW ENDOWMENT FUND.

Donation of George R. Agassiz	$500.00	
Donation of Miss Sarah H. Blanchard	500.00	$1,000.00

SUNDRY DONATIONS FOR SPECIAL PURPOSES.

Donation of Mrs. Nathaniel Thayer For a Nurses' Training School Scholarship.	$50.00	
Donation of Mrs. Caroline L. Weld For the purchase of Surgical Instruments.	2,307.54	
Carried forward	$2,357.54	$102,482.65

Brought forward	$2,357.54		$102,482.65
Donation of Sundry Donors For Babies' Milk Fund.			
Dr. W. B. Robbins	$5.00		
Miss Emma Hutchins	5.00		
Mrs. Neal Rantoul	50.00		
Mrs. Ralph B. Williams	5.00		
Mrs. J. D. C. Bradley	20.00		
Mrs. Edward Wigglesworth	25.00		
Mrs. W. S. Spaulding	25.00		
Mrs. F. A. Winthrop	25.00		
Mrs. W. B. Emmons	5.00		
Mrs. Gorham Brooks	50.00		
Mrs. Alvan T. Fuller	125.00		
Mrs. Winthrop Coffin	5.00		
Mrs. Freeman Allen	5.00		
Mrs. Allan Forbes	10.00		
Roger B. Merriam	10.00		
Mrs. Roger B. Merriam	25.00		
Anonymous	1.00		
Miss Alice A. Thorp	33.18	$429.18	
Donation of Mrs. A. Lawrence Hopkins	$480.00		
Donation of Ladies' Visiting Committee Toward the salary of a Social Worker in the House.	500.00	980.00	
Donation of Dr. Hugh Cabot To be applied towards the salary of the House Surgeon of the Genito-Urinary Department.		500.00	
Donation of W. F. Watters To pay the salary of a Stenographer, etc., in the Dermatological Department.		800.00	
Donation of Dr. Richard C. Cabot For the Warren Library.		50.00	
Donation of Isaac Sprague For Infantile Paralysis Research Fund.		25.00	
Donation of A Friend (additional) For certain special uses of the Dermatological Department.		700.00	
Donation of Miss Alice Farnsworth For Social Service Work.		25.00	
Donation of Chase & Sanborn For Social Service Work.		25.00	
Donation of Charles Philip Beebe For X-ray Equipment.		1,000.00	
Donation of A Friend To extend help to worthy patients as their needs may become known through their attendance at the Hospital.		500.00	
Donation of Miss Myra T. Styles For the Out-Patient Department.		10.00	
Donation of Mrs. Nathaniel Thayer For a course of Occupational Therapy.		100.00	
Donation of Sundry Donors For the salary of a Clerk in the Treadwell Library to typewrite certain parts of the Surgical Records.			
Dr. G. W. W. Brewster	$50.00		
Dr. Charles Allen Porter	50.00		
Carried forward	$100.00	$7,501.72	$102,482.65

Brought forward	$100.00	$7,501.72	$102,482.65
Dr. Beth Vincent	30.00		
Dr. Lincoln Davis	30.00		
Dr. Hugh Williams	50.00		
Dr. Daniel Fiske Jones	50.00		
Dr. Franklin G. Balch	50.00		
Dr. Charles L. Scudder	50.00		
Dr. Richard C. Cabot	64.00		
Dr. R. B. Greenough	20.00	444.00	
Donation of A Friend		10.00	
In memory of Mary R. Hudson, for the Children's Medical Ward.			
Donation of The Permanent Charity Fund .		400.00	
For Social Service in the House.			
Donation of Infantile Paralysis Commission .		450.00	8,805.72
For Salary of an Assistant in the Infantile Paralysis Clinic for six months.			

LOVERING FUND.

Bequest of Miss Sarah C. M. Lovering . . .	$1,500.00
To be expended in a way that will promote the comfort and happiness of the Patients at McLean Hospital.	
	$112,788.37

These sums have been entered in the Book of Donations in the usual form.

GEORGE WIGGLESWORTH,
Committee on Book of Donations.

MASSACHUSETTS GENERAL HOSPITAL,
December 31, 1917.

REPORT OF THE TREASURER

In accordance with the Fifth Article of the By-Laws, the Annual Report of the accounts of the Massachusetts General Hospital, made up to the last day of December, 1917, is respectfully submitted, to be laid before the Corporation at its annual meeting. Among the assets enumerated are many gifts to the Corporation, which for various reasons have been retained as originally received.

TRIAL BALANCE, JANUARY 1, 1918.

	Income.		*Principal.*	
	Dr.	*Cr.*	*Dr.*	*Cr.*
Land and Buildings General Hospital			$3,324,862.17	
Land and Buildings McLean Hospital			2,015,756.50	
Land and Buildings Convalescent Hospital			50,000.00	
Administrator's Balance			9,384.57	
Insurance Annuities			160,000.00	
Insurance Stocks			50,000.00	
Railroad Stocks			54,257.50	
Manufacturing Stocks			77,529.77	
Bank Stocks			24,800.00	
Real Estate Stocks			48,010.40	
Miscellaneous Stocks			46,207.88	
Real Estate			2,876,432.65	
Notes Receivable			69,981.84	
Cash	$26,763.02		70,756.11	
Notes Payable				$125,000.00
General Fund				4,836,884.14
Art Room Fund		$334.74		1,018.35
Bowditch History Fund		2,753.85		2,000.00
Samuel Cabot Fund				10,000.00
Children's Medical Ward Building Fund				310.44
Carried forward	$26,763.02	$3,088.59	$8,877,979.39	$4,975,212.93

Brought forward	$26,763.02	$3,088.59	$8,877,979.39	$4,975,212.93
Clinical Laboratory Fund				10,000.00
Convalescent Hospital Fund		5,284.25		151,811.13
Dalton Fund		6,868.30		25,000.00
Dr. Walter J. Dodd Memorial Fund		117.08		4,086.00
House Officers Alumni Fund				82.23
Sarah Proctor Joslin Fund		49.80		1,000.00
McLean Hospital Fund				565,223.34
New Endowment Fund				1,000.00
Nurses Home (McLean Hospital) Fund				64,166.02
Orthopedic Ward Fund				26,470.92
Pathological Laboratory and Randall Funds				83,875.41
Restricted Funds				2,668,329.24
Restricted Funds, Income Unrestricted				178,039.64
Shattuck Fund		184.10		2,000.00
Social Service Fund		500.98		20,100.00
Susan Smith Fund				13,703.98
Surgical Instrument Fund				6,475.00
Ten Year Free Bed Fund				17,000.00
Training School for Nurses Fund				40,022.92
Training School for Nurses Endowment Fund				4,289.79
Treadwell Library Fund				6,305.00
Warren Library Fund				1,000.00
Warren Prize Fund				5,185.84
Wooden Leg Fund		1,202.64		7,600.00
Sundry Funds for Special Purposes		9,467.28		
	$26,763.02	$26,763.02	$8,877,979.39	$8,877,979.39

INVESTMENTS.

General Hospital:	
Land and Buildings occupied for Hospital	$3,324,862.17
McLean Hospital:	
Land and Buildings at Belmont	2,015,756.50
Convalescent Hospital:	
Land and Buildings at Belmont	50,000.00
Carried forward	$5,390,618.67

Brought forward	$5,390,618.67
Administrator's Balance	9,384.57
Policies Massachusetts Hospital Life Insurance Co.	160,000.00
500 Shares Massachusetts Hospital Life Insurance Co.	50,000.00
Railroad Stocks:	
100 Shares Atkinson, Topeka & Santa Fe Railway Co. Common	9,962.50
50 Shares Boston & Maine R. R. Common	1,650.00
50 Shares Chicago Junction Railway & Union Stock Yards Co. Preferred	5,525.00
50 Shares Chicago, Milwaukee & St. Paul R. R. Preferred	6,450.00
110 Shares Chicago & Northwestern Railway Co. Common	13,625.00
20 Shares Fitchburg R. R. Preferred	1,460.00
70 Shares New York, New Haven, Hartford R. R.	3,626.00
21 Shares Old Colony R. R.	492.00
100 Shares Union Pacific R. R. Preferred	7,983.00
32 Shares West End Street Railway Co. Preferred	2,684.00
16 Shares Worcester Consolidated Street Railway 1st Preferred	800.00
Manufacturing Stocks:	
50 Shares American Sugar Refining Co. Preferred	6,400.00
130 Shares American Sugar Refining Co. Common	14,507.50
2 Shares Appleton Co.	70.50
250 Shares Ballard Vale Mills Co. Preferred	25,000.00
25 Shares Great Falls Manufacturing Co.	2,500.00
13 Shares Heywood Bros. Wakefield Co. Preferred	1,312.32
2 Shares Lancaster Mills	210.00
13 Shares Lanett Cotton Mills	1,365.00
3 Shares Ludlow Manufacturing Associates	354.00
140 Shares Merrimack Manufacturing Co. Common	14,000.00
75 Shares Pacific Mills	4,200.00
215 Shares Pepperell Manufacturing Co.	7,610.45
Bank Stocks:	
216 Shares Merchants National Bank	24,800.00
28 Shares Old Boston National Bank (In Liquidation)	0.00
Real Estate Stocks:	
50 Shares Board of Trade Building Trust	5,000.00
23 Shares Boston Ground Rent Trust	2,100.00
10 Shares Boston Real Estate Trust	9,969.75
12 Shares Boylston Market Association	16,800.00
21 Shares Central Wharf & Wet Dock Corporation	4,200.00
50 Shares Commonwealth Building Trust Preferred 25 Shares Commonwealth Building Trust Common.	5,000.00
6 Shares Delta Building Trust	420.00
25 Shares Hotel Trust	2,500.00
12 Shares Journal Building Trust	480.00
2 Shares Trimountain Trust	200.00
11 Shares Western Real Estate Trustees	1,340.65
Miscellaneous Stocks:	
203 Shares American Telephone & Telegraph Co.	25,415.43
17 Shares Boston Storage Warehouse Co.	1,836.00
86 Shares Boston Wharf Co.	11,200.00
50 Shares Breece Mining Co.	0.0
12 Shares Edison Electric Illuminating Co.	2,869.80
33 Shares Galveston-Houston Electric Co. Preferred	2,735.40
Carried forward	$5,858,657.54

Brought forward	$5,858,657.54
5 Shares Galveston-Houston Electric Co. Common	500.00
16 Shares Massachusetts Gas Co.'s Preferred	1,460.00
3 Shares Western Union Telegraph Co.	191.25
Real Estate:	
Land and Buildings, 1 Faneuil Hall Square	35,000.00
Land and Buildings, Union and Marshall Streets	70,147.51
Land and Buildings, 273 and 275 Washington Street	125,860.15
Land and Buildings, 474 to 480 Washington Street	523,303.30
Land and Buildings, 496 to 500 Washington Street	463,193.20
Land and Buildings, 565 Washington Street	68,855.33
Land and Buildings, 10 and 10½ Common Street	26,012.83
Land and Buildings, 837 to 847 Washington Street	59,874.86
Land and Buildings, Rear 837 to 847 Washington Street	65,115.71
Land and Buildings, 851 to 859 Washington Street	67,589.26
Land and Buildings, 11 and 15 to 21 Warrenton Street	48,700.00
Land and Buildings, 70 and 74 Tremont Street	299,900.00
Land and Buildings, 451 to 453 Atlantic Avenue and 163 to 167 Oliver Street	82,670.12
Land and Buildings, 307 to 311 Atlantic Avenue	84,484.00
Land and Buildings, Sundry Properties in the vicinity of the General Hospital	155,652.90
Land and Buildings, Province House Estate	587,890.00
Land and Buildings, 15 to 23 Harvard Place	44,345.98
Land and Buildings, Interest in Sundry Properties Estate of John Eliot Atkins	67,837.50
Notes Receivable	69,981.84
Cash	70,756.11
Total, foot of Trial Balance	$8,877,979.39

INCOME FROM INVESTMENTS.

Massachusetts Hospital Life Insurance Co. Annuities	$6,800.00
Massachusetts Hospital Life Insurance Co. Stock	5,000.00
Railroad Bonds	2,352.06
Railroad Stocks	6,864.00
Manufacturing Stocks	10,886.00
Bank Stocks	3,153.04
Real Estate Stocks	2,252.00
Miscellaneous Stocks	2,570.25
Real Estate	163,363.52
Notes Receivable	3,035.21
Interest	1,826.74
	208,102.82
Less Interest on Notes Payable	12,581.25
	$195,521.57

THE INCOME HAS BEEN DISTRIBUTED AS FOLLOWS:

J. H. F. Adams Fund (Annuity)	$2,000.00
Art Room Fund	50.70
Bowditch History Fund	99.60
Samuel Cabot Fund	498.00
Children's Medical Ward Building Fund	12.45
Clinical Laboratory Fund	498.00
Codman Fund	1,453.46
Carried forward	$4,612.21

Brought forward	$4,612.21
Convalescent Hospital Fund	7,560.19
Dalton Fund	1,245.00
Dr. Walter J. Dodd Memorial Fund	117.08
House Officers Alumni Fund	2.19
Sarah Proctor Joslin Fund	49.80
McLean Hospital Fund	28,148.81
New Endowment Fund	37.35
Nurses Home (McLean Hospital) Fund	2,718.03
Orthopedic Ward Fund	1,318.26
Pathological Laboratory and Randall Fund	4,176.98
Restricted Funds	140,277.48
Shattuck Fund	99.60
Social Service Fund	1,000.98
Susan Smith Fund (Annuity)	720.00
Surgical Instrument Fund	322.46
Training School for Nurses Fund	1,993.15
Training School for Nurses Endowment Fund	162.95
Treadwell Library Fund	297.41
Warren Library Fund	49.80
Warren Prize Fund	233.36
Wooden Leg Fund	378.48
	$195,521.57

HOSPITAL INCOME AND EXPENSES.

Total Expenses of Hospital			$1,143,688.58
Total Receipts of Hospitals		$775,530.71	
Income from Invested Funds			
Free Bed Funds	$145,788.41		
Special Funds	21,472.29		
McLean Hospital Fund	28,148.81		
Convalescent Hospital Fund	2,275.94	197,685.45	
Balance from General Fund		170,472.42	
			1,143,688.58

GENERAL FUND.

Balance January 1, 1917		$4,834,443.04
Donations and Bequests to this Fund		28,593.70
Income — Massachusetts Hospital Life Insurance Co.		10,000.00
Profits from Sale of Investments		12,733.90
Euphemia Millar Fund		1,557.74
Ten Year Free Bed Fund		1,000.00
Codman Fund		19,186.38
Productive Real Estate		99,841.80
		$5,007,356.56
Excess of Expenses over Receipts at the Hospitals paid from this Fund	$170,472.42	
Balance, January 1, 1918	4,836,884.14	
		$5,007,356.56

SUBSCRIBERS FOR FREE BEDS FOR 1917

Arthur Adams . . .	$100.00	Mrs. John L. Bremer	$100.00
Charles F. Adams . .	100.00	Miss Sarah F. Bremer	100.00
A Friend	100.00	Miss Fannie R. Brewer (The John R. Brewer Free Bed) . . .	100.00
Mrs. George R. Agassiz	100.00	Gorham Brooks . . .	100.00
Mrs. Bryce J. Allan .	100.00	T. Hassall Brown . .	100.00
Hobart Ames	100.00	Miss Katherine E. Bullard	100.00
Oliver Ames	100.00	Mr. and Mrs. I. Tucker Burr	100.00
William Amory . . .	100.00	Mrs. Samuel Cabot .	100.00
Anonymous	100.00	Mr. and Mrs. Samuel Carr	100.00
Francis Henry Appleton	100.00	Miss Georgina S. Cary	100.00
Samuel Appleton . .	100.00	Horace D. Chapin . .	100.00
S. E. B.	100.00	Alexander Cochrane .	100.00
Mrs. Francis E. Bacon	100.00	Mrs. Edith L. Coolidge (an annual gift in memory of the late Amory A. Lawrence)	748.03
Mrs. F. R. Bangs . .	100.00	Mrs. Francis L. Coolidge (in memory of Mrs. Charles T. White	100.00
Walter C. Baylies . .	100.00	J. Randolph Coolidge	100.00
Mrs. James H. Beal .	100.00	T. Jefferson Coolidge	100.00
Thomas P. Beal . . .	100.00	Mrs. T. J. Coolidge, Jr.	200.00
Charles Philip Beebe (in memory of Dr. Arthur Appleton Beebe)	100.00	Charles E. Cotting .	100.00
E. Pierson Beebe . .	100.00	Estate of Ethel H. Crane (for the benefit of Parishioners of St. Paul's Church, Dedham)	100.00
Mrs. Henry Forbes Bigelow	100.00	Mrs. S. V. R. Crosby .	100.00
Dr. William Sturgis Bigelow	100.00	Mrs. Charles A. Cummings (in memory of F. H. K.) . . .	100.00
George Nixon Black .	100.00	Mrs. Charles P. Curtis	100.00
Mrs. Wilmon W. Blackmar	100.00	Mrs. G. S. Curtis . .	100.00
Mrs. Arthur W. Blake	100.00	Mrs. G. S. Curtis, Jr.	100.00
Mrs. Francis Blake (Francis Blake Free Bed)	100.00	Mr. and Mrs. Louis Curtis	100.00
Mrs. J. A. Lowell Blake	100.00		
John A. Blanchard .	100.00		
Boston Firemen's Relief Fund . . .	200.00		
Mrs. A. H. Bowditch .	100.00		
F. W. Bradlee . . .	100.00		
Mr. and Mrs. J. D. Cameron Bradley .	100.00		

Mrs. John G. Cushing	$100.00
Frederick L. Dabney	100.00
George B. Dabney	100.00
Mrs. Charles H. Dalton	200.00
Henry R. Dalton	200.00
Mrs. Joseph E. Davis	100.00
Charles A. Dean	100.00
Franklin Dexter and Gordon Dexter, jointly	100.00
Philip Dexter	100.00
Miss Rose L. Dexter	100.00
Mrs. John W. Elliot	100.00
Mr. and Mrs. Howard Elliott	100.00
Mrs. R. W. Emmons, 2d	100.00
William Endicott	100.00
Mrs. Elizabeth E. Fay	100.00
Henry H. Fay	100.00
S. Prescott Fay	100.00
William Rodman Fay	100.00
Estate of Lawrence Carteret Fenno	100.00
Miss Marion H. Fenno	100.00
J. Murray Forbes	100.00
Mrs. Waldo E. Forbes	100.00
C. H. W. Foster	100.00
Mrs. C. H. W. Foster	100.00
George P. Gardner	100.00
John L. Gardner	100.00
Mrs. Reginald Gray	100.00
Charles P. Greenough	100.00
S. E. Guild	100.00
Mr. and Mrs. N. Penrose Hallowell	100.00
Mrs. G. G. Hammond	100.00
Miss Anna Harvie	100.00
Miss Clara Hemenway	100.00
F. L. Higginson	100.00
F. L. Higginson, Jr.	100.00
Mrs. A. S. Hill	100.00
F. S. Hodges	100.00
James R. Hooper	100.00
William Hooper	100.00
Mrs. A. Lawrence Hopkins	100.00
Henry S. Howe	100.00
F. W. Hunnewell	$100.00
Henry S. Hunnewell	100.00
Mrs. Henry S. Hunnewell	100.00
Mrs. Oscar Iasigi (in memory of Oscar Iasigi)	100.00
Mr. and Mrs. James Jackson	100.00
Arthur S. Johnson	100.00
Edward C. Johnson	100.00
Mrs. Wolcott H. Johnson	100.00
Jordan Marsh Co.	500.00
Charles A. Kidder	100.00
Nathaniel T. Kidder	100.00
David P. Kimball	100.00
L. C. Kimball	100.00
The Misses King (in memory of Mrs. D. Webster King)	100.00
Mrs. H. A. Lamb	100.00
Mrs. Gardiner M. Lane	100.00
Mrs. Amory A. Lawrence	100.00
Miss Geraldine Lawrence	100.00
John Lawrence and Francis Peabody, Jr. (trustees under will of Abbott Lawrence)	700.00
Mr. and Mrs. George C. Lee	100.00
Mrs. George B. Leighton	100.00
Mrs. Lester Leland	100.00
George V. Leverett	100.00
In memory of Mrs. Anna Cabot Lodge, from H. C. L. and G. A. J.	100.00
Augustus P. Loring	100.00
William Caleb Loring	100.00
Miss Mary B. Lothrop	100.00
Mrs. Thornton K. Lothrop	100.00
Mrs. Charles T. Lovering	100.00
Mrs. Francis C. Lowell	100.00

Mr. and Mrs. John Lowell	$100.00
Henry and Theodore Lyman	100.00
Mrs. Charles E. Mason (in memory of Mrs. John F. Andrew)	500.00
Miss E. F. Mason	100.00
Miss Fanny P. Mason	100.00
Miss Ida M. Mason	100.00
Laurence Minot	100.00
Mrs. Frank Morison	100.00
Mrs. John Holmes Morison	100.00
The Misses Morrill	100.00
Mrs. E. P. Motley	100.00
Mrs. Thomas Motley	100.00
Mr. and Mrs. Thomas Motley	100.00
Grenville H. Norcross	100.00
Richard Olney	100.00
John B. Paine	100.00
Mrs. Francis S. Parker	100.00
John Parkinson	100.00
Frank E. Peabody	500.00
Francis Peabody	100.00
Mrs. Francis Peabody	100.00
George A. Peabody	100.00
Charles Lawrence Peirson	100.00
Permanent Charity Fund	1250.00
Dudley L. Pickman	100.00
S. S. Pierce Co. (not for employees)	100.00
The Late Robert M. Pratt (1918)	100.00
Mrs. James H. Proctor	100.00
Thomas E. Proctor	100.00
Mrs. George Putnam	100.00
Miss Ida B. Reed	100.00
Mrs. F. L. W. Richardson	100.00
Miss Emma Rodman	100.00
Mrs. Robert Shaw Russell	100.00
Philip L. Saltonstall	100.00
Mr. and Mrs. Robert Saltonstall	$100.00
C. S. Sargent	100.00
Mrs. Francis W. Sargent	100.00
Mrs. Lucius M. Sargent	100.00
F. R. Sears	100.00
Dr. Henry F. Sears	100.00
Herbert M. Sears	100.00
Mrs. J. Montgomery Sears	100.00
Mrs. Knyvet W. Sears	100.00
Mr. and Mrs. Philip S. Sears	100.00
Richard D. Sears	100.00
Richard and Francis P. Sears	100.00
Mrs. G. H. Shaw	100.00
Henry S. Shaw	100.00
Mrs. George S. Silsbee	100.00
A. Ledyard Smith	100.00
Sons of St. George	250.00
William S. Spaulding	100.00
Isaac Sprague	100.00
Mr. and Mrs. Robert H. Stevenson	100.00
Galen L. Stone	100.00
Moorfield Storey	100.00
The Misses Sturgis	100.00
Mrs. Nathaniel Thayer	100.00
Mrs. Charles Linzee Tilden (in memory of Daniel Denny)	100.00
Mrs. Bayard Tuckerman, Jr.	100.00
Victorian Memorial Association	250.00
Mr. and Mrs. William Bentley Walker	100.00
Miss Mary Lee Ware	100.00
Mrs. Bayard Warren	100.00
Mrs. Edwin S. Webster	100.00
Stephen M. Weld	200.00
William Whitman	100.00
Frank Whitney	100.00
George Wigglesworth	200.00
John D. Williams	100.00
Moses Williams	200.00

Mr. and Mrs. Arthur Winslow	$100.00	Henry D. Woods	$100.00
Mrs. Robert C. Winthrop	100.00	United Fruit Co.	125.00
Mrs. Thomas Lindall Winthrop	100.00	Unity Lend-a-Hand Society of Lexington	100.00
Mr. and Mrs. William M. Wood	100.00		$25,223.03

FREE BED SUBSCRIBERS FOR TEN YEARS.

Walter Hunnewell (1909–1918)	$1,000.00
Mary G. Pickering (1909–1918)	1,000.00
Mrs. Charles H. Dalton (1910–1919)	1,000.00
Frances E. (Cutler) Sprague Fund (1911–1920)	1,000.00
Mrs. C. G. Rice (1912–1921)	1,000,00
Mrs. W. Scott Fitz (1913–1922)	1,000.00
James Longley (1914–1923)	1,000,00
Mrs. Louis A. Frothingham (1915–1924)	1,000.00
The late Henry R. Dalton (1915–1924)	1,000.00
Mrs. Henry S. Grew (1915–1924)	1,000.00
Mrs. O. H. Alford (1916–1925)	1,000.00
Miss Martha A. Alford (1916–1925)	1,000.00
Mr. and Mrs. Shepherd Brooks (1916–1925)	1,000.00
Mrs. George D. Howe (1916–1925), Memory of George D. Howe	1,000.00
Frank G. Webster (1917–1926)	1,000.00
Mrs. Elizabeth Cabot Lyman (1917–1926)	1,000.00
The Misses Kimball (1917–1926)	1,000.00
	$17,000.00

A subscriber to the Free Bed Fund has the right to nominate a patient to a free bed, according to the following subscriptions: $100 for the current year to a free bed in a ward in the General Hospital; $500 for the current year to a free bed in a private room in the General Hospital; $1,000 for a period of ten years to a free bed in a ward in the General Hospital; $5,000 during the life of the subscriber and during the life of any other one person named by him to a free bed in a ward in the General Hospital; $10,000 during the life of the subscriber and during the life of any other person named by him to a free bed in a private room in the General Hospital.

All free beds shall be subject to the approval of the Trustees and the Rules of the Hospital.

GENERAL FUND.

1811	Commonwealth of Massachusetts, Province House Estate		$40,000.00
	Cutting stone for Hospital		35,070.27
1811–1843	Subscribers for Foundation ($146,992.55)		
	Benjamin and Caleb Adams	100.00	
	Joseph Allen	100.00	
	Carried forward		$75,270.27

	Brought forward	$75,270.27
1811–1843	Hannah R. Amory	100.00
	John Amory	200.00
	Jonathan Amory	200.00
	Ebenezer T. Andrews	300.00
	Nathan Appleton	500.00
	Samuel Appleton	2,000.00
	William Appleton, for himself	100.00
	William Appleton, for an unknown	200.00
	Samuel T. Armstrong	100.00
	Nathaniel Austin	100.00
	Adam Babcock	300.00
	Baker, Brown, and Co.	100.00
	Aaron Baldwin	110.00
	Charles Barnard	100.00
	John Bartlett	100.00
	Thomas Bartlett	300.00
	Stephen Bean	100.00
	Jeremiah Belknap	100.00
	John Belknap	100.00
	John Bellows	100.00
	Amos Binney	300.00
	John Bishop	100.00
	George Blake	100.00
	George Bond	180.00
	Boott, Kirk, and Sons	300.00
	Mary Boott	300.00
	Charles Bradbury	100.00
	Gamaliel Bradford	100.00
	Joseph P. Bradlee	100.00
	Josiah Bradlee	200.00
	Thomas D. Bradlee	100.00
	Nathan Bridge	100.00
	Andrew Brimmer	100.00
	John Brooks	100.00
	Peter C. Brooks	2,000.00
	Moses Brown	100.00
	Samuel Brown	100.00
	John Bryant	100.00
	Thomas Bumstead	125.00
	Benjamin Bussey	1,000.00
	George Cabot	100.00
	John Cabot	150.00
	Sarah and Susan Cabot	100.00
	William Cabot	100.00
	Francis Carnes	200.00
	Richard Chamberlain	100.00
	Walter Channing	100.00
	William E. Channing	100.00
	Henry Chapman	100.00
	Town of Chelsea	145.42
	David W. Child	100.00
	Samuel Cobb	200.00
	William Cochran	100.00
	Charles R. Codman	100.00
	Margaret Coffin (and Ann Smith)	100.00
	Collections in Ward 4	340.00
	Collections in Ward 10	373.00
	Joseph Coolidge	2,000.00
	Carried forward	$90,593.69

	Brought forward	$90,593.69
1811–1843	Joseph Coolidge, Jr.	1,000.00
	Thomas Cordis	100.00
	Uriah Cotting	100.00
	Allen Crocker	100.00
	Benjamin W. Crowninshield	200.00
	George Crowninshield	500.00
	Thomas Curtis	100.00
	John P. Cushing	5,000.00
	Thomas Cushing, a share in Exchange Coffee House, worth	300.00
	William Dall	100.00
	Benjamin Dana	100.00
	Nathan Dane	200.00
	Amasa Davis	100.00
	A. and C. Davis	150.00
	Charles Davis	100.00
	Daniel Davis	100.00
	Eleanor Davis	200.00
	Joshua Davis	100.00
	William Davis	150.00
	Thomas Dawes	100.00
	H. A. S. Dearborn	150.00
	P. P. F. Degrand	175.00
	Thomas Dennie	100.00
	John Derby	300.00
	Richard Derby	100.00
	Richard C. Derby	300.00
	Humphrey Devereux	100.00
	Aaron Dexter	100.00
	Katharine Dexter	100.00
	Pickering Dodge	300.00
	John Dorr	110.00
	Samuel Dorr	100.00
	Catherine Eliot	200.00
	John S. Ellery	100.00
	David Ellis	100.00
	Samuel Endicott	100.00
	Otis Everett	100.00
	Exhibition of Mummy	1,257.87
	Samuel Fales	100.00
	Ebenezer Farley	125.00
	Female Association	753.08
	Joseph Field	100.00
	Joshua Fisher	100.00
	Simon Forrester	2,000.00
	Ebenezer Francis	200.00
	John French	100.00
	French and Weld	120.00
	Robert H. Gardiner	200.00
	Samuel P. Gardiner	100.00
	Abraham Gibson	100.00
	Nathaniel Goddard	200.00
	John Gore	200.00
	Francis C. Gray	100.00
	Henry Gray	1,000.00
	Horace Gray	1,000.00
	John C. Gray	100.00
	John C. Gray	300.00
	Carried forward	$110,084.64

	Brought forward	$110,084.64
1811–1843	William Gray	500.00
	Gardiner Greene, $1,000 in three per cents	650.00
	David Greenough	200.00
	David S. Greenough	200.00
	Dudley Hall	200.00
	Samuel Hammond	200.00
	John Hancock	200.00
	Harvard College	213.32
	Lemuel Hayward	100.00
	Joseph Head	1,000.00
	Joseph Head, Jr.	100.00
	Augustine Heard	100.00
	Barnabas Hedge	150.00
	David Hinckley	1,000.00
	Hingham, Third Parish	504.44
	John Holland	200.00
	Benjamin P. Homer	100.00
	Henry Homes	100.00
	John Howe	100.00
	Henry Hubbard	100.00
	John Hubbard	200.00
	Humane Society of Massachusetts .	5,140.56
	Humane Society (Merrimack) . .	2,000.00
	Jonathan Hunnewell	100.00
	John Hurd	100.00
	Joseph Hurd	200.00
	Charles Jackson	400.00
	James Jackson	420.00
	Patrick T. Jackson	220.00
	Samuel Jacques, Jr.	100.00
	John Coffin Jones	500.00
	Thomas Kilby Jones	200.00
	Abigail Joy and family	300.00
	Benjamin Joy	250.00
	John Kidder, Jr.	100.00
	Josiah Knapp	100.00
	Seth Knowles	100.00
	William Lambert	100.00
	Amos and Abbott Lawrence . . .	200.00
	William Lawrence	100.00
	Francis Lee	100.00
	George Lee	150.00
	Joseph Lee	300.00
	Thomas Lee, Jr.	100.00
	Winslow Lewis	100.00
	Lincoln and Wheelwright . . .	100.00
	James Lloyd	1,000.00
	Caleb Loring	100.00
	Francis C. Lowell	400.00
	John Lowell	450.00
	George W. Lyman	150.00
	Theodore Lyman	2,000.00
	Theodore Lyman, Jr.	150.00
	Josiah Marshall	100.00
	Massachusetts Charitable Fire Society	900.00
	Perrin May	100.00
	Carried forward	$133,032.96

	Brought forward	$133,032.96
1811–1843	Samuel May	100.00
	Samuel R. Miller	100.00
	William Minot	100.00
	John Morse	100.00
	Thomas Motley	100.00
	Israel Munson	1,000.00
	Caleb Oakes	100.00
	John Odin	200.00
	George Odiorne	100.00
	Joseph Orne	200.00
	Samuel Orne	200.00
	John Osborn	200.00
	H. G. Otis	500.00
	Daniel P. Parker	500.00
	John Parker	500.00
	Samuel Parkman	2,000.00
	Samuel Parkman, Jr.	200.00
	Nehemiah Parsons	200.00
	William Parsons	1,500.00
	M. Payne	100.00
	William Payne	100.00
	Joseph Peabody	2,000.00
	James Perkins	5,000.00
	Samuel G. Perkins	100.00
	Thomas H. Perkins	5,000.00
	John Perry	100.00
	John Phillips	100.00
	Jonathan Phillips	100.00
	Stephen Phillips	200.00
	William Phillips, including $5,000 legacy of his father	20,000.00
	Henry Pickering	100.00
	Benjamin Pickman, Jr.	1,000.00
	Dudley L. Pickman	150.00
	William Pickman	300.00
	Paschal P. Pope	100.00
	John Pratt	135.00
	William Pratt	400.00
	William Prescott	150.00
	James Prince	250.00
	John Prince	200.00
	Josiah Quincy	200.00
	Isaac Rand	100.00
	John Randall	100.00
	John T. Reed	100.00
	Joseph W. Revere	100.00
	Paul Revere	100.00
	Henry G. Rice	100.00
	Benjamin Rich	300.00
	John Richards	100.00
	Andrew Ritchie	500.00
	Nathan Robinson	200.00
	Daniel D. Rogers	1,000.00
	William Ropes	150.00
	Nathaniel P. Russell	500.00
	Samuel Salisbury	500.00
	Samuel Salisbury, Jr.	100.00
	Samuel Sanford	300.00
	Carried forward	$180,967.96

	Brought forward	$180,967.96
1811–1843	Daniel Sargent	200.00
	Ignatius Sargent	400.00
	William Sawyer	100.00
	David Sears	5,000.00
	Joseph Sewall	500.00
	Robert G. Shaw	500.00
	Michael Shepherd	100.00
	William Shimmin	100.00
	Nathaniel Silsbee	100.00
	John Skinner	100.00
	Barney Smith	400.00
	Samuel Snelling	100.00
	Washington Benevolent Society, Charlestown Branch	200.00
	Hollis-street Society	148.05
	First Church Society	100.67
	King's Chapel Society	114.44
	West Church Society	190.06
	Roman Catholic Society	100.40
	First Parish Society, Dorchester .	168.48
	Dr. Bancroft's Society, Worcester .	140.60
	Dr. Pierce's Society, Brookline . .	173.38
	John Soley	100.00
	Samuel Spear	100.00
	Phineas Spelman	100.00
	William Spooner	100.00
	Francis Stanton	100.00
	Russell Sturgis	200.00
	William Sturgis	100.00
	George Sullivan	200.00
	Richard Sullivan	400.00
	William Sullivan	200.00
	John Tappan	350.00
	Lewis Tappan	100.00
	Charles Taylor	300.00
	Boston Theatre	1,190.00
	Abraham Thompson	100.00
	Israel Thorndike	2,000.00
	Israel Thorndike, Jr.	100.00
	Joseph Tilden	100.00
	Catherine Torrey	200.00
	John G. Torrey	100.00
	Samuel Torrey	100.00
	Abraham Touro	300.00
	George Trott	100.00
	Gideon Tucker	200.00
	Richard D. Tucker	100.00
	Edward Tuckerman	100.00
	Edward Tuckerman, Jr.	500.00
	William and Gustavus Tuckerman .	100.00
	Town of Concord	200.00
	Town of Malden	193.80
	Cotton Tufts	135.00
	Nathan Tufts	100.00
	Phineas Upham	100.00
	Vose, Coates, and Co.	100.00
	Daniel Waldo	200.00
	Thomas B. Wales	100.00
	Carried forward	$198,672.84

	Brought forward	$198,672.84
1811–1843	Timothy Walker	150.00
	William J. Walker	400.00
	Artemas Ward	100.00
	Nahum Ward	100.00
	Thomas W. Ward	150.00
	William Ward	100.00
	John C. Warren	400.00
	Redford Webster	153.00
	Francis Welch	200.00
	Benjamin Weld	500.00
	John Welles	300.00
	Nathaniel West	1,000.00
	Eliza Wetmore	200.00
	Elisha Wheeler	100.00
	Moses Wheeler	100.00
	James White	300.00
	Asa Whitney	100.00
	Benjamin Wiggin (Exhibition of Picture)	1,604.07
	Thomas Wigglesworth	200.00
	Eliphalet Williams	100.00
	John D. Williams	1,000.00
	Moses Williams	100.00
	Samuel G. Williams	100.00
	Thomas Williams	100.00
	Timothy Williams	100.00
	Amasa Winchester	100.00
	Edmund Winchester	100.00
	Thomas L. Winthrop	100.00
	John Wood	100.00
	Sundry subscribers, less than $100	15,332.91
1813	John Lucas	900.00
1819	Polly Russell	400.00
1820	Samuel Eliot	10,000.00
	Beza Tucker	5,350.00
1822	Seth Webber	1,000.00
1823	Abraham Touro	10,000.00
1824–1835	John McLean	119,858.20
1826	Thomas Oliver	22,438.70
	Allan Crocker	100.00
1829	James Savage	100.00
1831–1849	Isaiah Thomas	6,370.33
1832–1833	Mary Belknap	89,882.60
1834	Jonathan Moseley	753.46
1836	Susan Richardson	250.00
1838	Ambrose S. Courtis	2,500.00
1841	Peter Westerfield	165.67
1844	Subscribers for Enlargement of Hospital ($62,450.00):	
	Charles Amory	500.00
	James S. Amory	250.00
	William Amory	500.00
	Ebenezer T. Andrews	1,000.00
	Nathan Appleton	1,000.00
	Samuel Appleton	2,000.00
	Samuel A. Appleton	100.00
	William Appleton	2,000.00
	Samuel T. Armstrong	100.00
	Carried forward	$499,581.78

	Brought forward	$499,581.78
1844	Edward Austin	100.00
	Richard Aylwin	100.00
	Daniel C. Bacon	100.00
	Benjamin Bangs	200.00
	Charles Barnard	500.00
	Francis Bassett	100.00
	John D. Bates	250.00
	Amos Binney	200.00
	Mrs. Joshua Blake	200.00
	Edward Blanchard	500.00
	William H. Boardman	100.00
	J. Ingersoll Bowditch	100.00
	N. I. Bowditch	500.00
	Dwight Boyden	100.00
	Josiah Bradlee	1,000.00
	James B. Bradlee	200.00
	Martin Brimmer	500.00
	P. C. Brooks	2,000.00
	P. C. Brooks, Jr.	500.00
	John Bromfield	100.00
	John Bryant, Jr.	250.00
	Henry Cabot	200.00
	Thomas G. Cary	100.00
	Carney and Sleeper	100.00
	Caleb Chase	200.00
	Eben Chadwick	500.00
	Abiel Chandler	100.00
	Jonas Chickering	500.00
	Charles R. Codman	100.00
	Edward Codman & Co.	100.00
	Henry Codman	100.00
	Gardner Colby	100.00
	B. W. Crowninshield	300.00
	A. and C. Cunningham	100.00
	Charles P. Curtis	100.00
	Thomas B. Curtis	100.00
	Peter R. Dalton	100.00
	Samuel Dana	100.00
	John James Dixwell	100.00
	J. W. Edmands	200.00
	Samuel A. Eliot	500.00
	Moses Everett	100.00
	Samuel Fales	200.00
	Richard Fletcher	100.00
	John M. Forbes	100.00
	Ebenezer Francis	1,000.00
	George Gardner	100.00
	John L. Gardner	1,000.00
	John Goodenough	100.00
	Benjamin Goddard	500.00
	Ozias Goodwin	500.00
	Francis C. Gray	500.00
	Horace Gray	300.00
	John C. Gray	1,000.00
	Samuel C. Gray	100.00
	William Gray	100.00
	Elizabeth C. Greene	500.00
	Sarah Greene	1,000.00
	Carried forward	$518,081.78

	Brought forward	$518,081.78
1844	David S. Greenough	100.00
	Henry Hall	100.00
	George Hallett	200.00
	George Hayward	100.00
	Nathaniel Hooper	100.00
	Robert Hooper	250.00
	Robert C. Hooper	100.00
	Samuel Hooper	250.00
	George Howe	500.00
	Jabez C. Howe	200.00
	Iasigi and Goddard	100.00
	P. T. Jackson	100.00
	James Johnson	100.00
	Samuel Johnson	100.00
	Abigail Joy	100.00
	Abel Kendall, Jr.	100.00
	George H. Kuhn	100.00
	Lane and Reed	100.00
	Abbott Lawrence	2,000.00
	Amos Lawrence	1,000.00
	Amos A. Lawrence	100.00
	William Lawrence	1,000.00
	Lawrence and Stone	500.00
	George Lee	1,000.00
	Thomas Lee	500.00
	Isaac Livermore	100.00
	Elijah Loring	100.00
	Francis C. Loring	100.00
	John J. and Francis Low	100.00
	Francis C. Lowell	500.00
	John A. Lowell	1,000.00
	Charles Lyman	500.00
	George W. Lyman	500.00
	Theodore Lyman	1,000.00
	John Marland	100.00
	Robert M. Mason	100.00
	William P. Mason	500.00
	Charles H. Mills	100.00
	Milton and Slocumb	100.00
	Benjamin R. Nichols	100.00
	William Oliver	100.00
	William F. Otis	100.00
	Daniel P. Parker	500.00
	James Parker	500.00
	John Parker	1,000.00
	George Parkman	150.00
	William Parsons	100.00
	William P. Perkins	100.00
	Edward D. Peters	100.00
	William Phipps	100.00
	C. Gayton Pickman	100.00
	Paschal P. Pope	500.00
	Mary Pratt	500.00
	William Prescott	500.00
	William H. Prescott	100.00
	Samuel R. Putnam	100.00
	Josiah Quincy, Jr.	1,000.00
	Joseph W. Revere	100.00
	Carried forward	$537,431.78

	Brought forward	$537,431.78
1844	Rice and Thaxter	100.00
	Richardson, Jeffrey, and Brother .	100.00
	Edward H. Robbins	100.00
	Henry B. Rogers	500.00
	James D. Russell	100.00
	Richardson, Burrage, and Co. . .	100.00
	Stephen Salisbury	500.00
	Ignatius Sargent	1,000.00
	Lucius M. Sargent	100.00
	James Savage	100.00
	Willard Sayles	500.00
	David Sears	2,000.00
	R. G. Shaw	1,000.00
	Francis Skinner	250.00
	Josiah Stickney	100.00
	Charles Stoddard	100.00
	William Sturgis	1,000.00
	John E. Thayer	500.00
	Nathaniel Thayer	100.00
	Joseph Tilden	100.00
	Henry Timmins	500.00
	Phineas Upham	1,000.00
	Daniel Waldo and sister	200.00
	Thomas B. Wales	1,000.00
	William J. Walker	200.00
	Waterston, Pray, and Co. . . .	100.00
	John C. Warren	500.00
	John Welles	500.00
	Thomas Wetmore	100.00
	William F. Whitney	100.00
	Edward Wigglesworth	100.00
	Thomas Wigglesworth	300.00
	John D. Williams	2,000.00
	Moses Williams	100.00
	Sundry subscribers, less than $100 .	2,100.00
	Moses Everett	116.00
	Israel Munson	20,000.00
1844–1866	Mrs. E. G. Everett	475.00
1845	William Russell	100.00
	John Brown	100.00
1847–1849	Sarah Clough	601.16
1851	Elizabeth Salisbury	4,000.00
1852	James Ingersoll	2,000.00
1854	Judah Touro	10,000.00
1855	William Appleton	20,000.00
	Elizabeth Pratt	20,000.00
1856	Subscribers for Brick Fence ($3,250.00)	
	Nathan Appleton	500.00
	William Appleton	500.00
	Josiah Bradlee	500.00
	P. C. Brooks	250.00
	John P. Cushing	250.00
	Jonathan Phillips	500.00
	David Sears	500.00
	William Sturgis	250.00
	Carried forward	$635,223.94

	Brought forward	$635,223.94
1857	William Pickman	4,000.00
	Ellison Lassell	6,888.60
1858	Agnes Austin	7,500.00
1858–1879	M. P. Sawyer	119,687.93
1859	George Hills	1,000.00
1860	William I. Bowditch	274.25
1861	J. Poland	15.00
	J. Bowdoin Bradlee	500.00
1863	Subscribers for Cottage for Males at Asylum ($44,450.00):	
	William Amory	500.00
	Francis Bacon	500.00
	William B. Bacon	250.00
	Benjamin E. Bates	1,000.00
	John Ballard	300.00
	James M. Beebe	2,000.00
	Mrs. Nath. I. Bowditch	5,000.00
	J. Bowdoin Bradlee	500.00
	Gardner Brewer	2,000.00
	Martin Brimmer	1,000.00
	Peter C. Brooks	1,000.00
	William S. Bullard	2,000.00
	J. Amory Davis	500.00
	J. Edgerton	1,000.00
	J. Wiley Edmands	500.00
	Joseph S. Fay	500.00
	John C. Gray	1,000.00
	Mrs. Henry Grew	300.00
	George Higginson	500.00
	Robert Hooper	250.00
	George Howe	1,000.00
	Jabez C. Howe	1,000.00
	Peter Hubbell	500.00
	H. H. Hunnewell	1,000.00
	Miss Anna P. Jones	400.00
	James Lawrence	1,000.00
	Abbott Lawrence	1,000.00
	Charles Lyman	300.00
	George W. Lyman	500.00
	Robert M. Mason	500.00
	Ex'rs of Henry P. Oxnard . . .	500.00
	J. W. Paige	500.00
	Benjamin T. Reed	250.00
	George C. Richardson	1,000.00
	Henry B. Rogers	1,000.00
	David Sears	1,000.00
	G. Howland Shaw	1,000.00
	Francis Skinner	1,000.00
	Henry P. Sturgis	500.00
	William Sturgis	1,000.00
	Nathaniel Thayer	3,000.00
	George W. Wales	500.00
	Miss Mary Anne Wales	500.00
	William F. Weld	1,000.00
	B. C. White	300.00
	Joseph Whitney	500.00
	Misses Wigglesworth	1,000.00
	Edward Wigglesworth	500.00
	Carried forward	$817,939.72

	Brought forward	$817,939.72
1863	Thomas Wigglesworth	300.00
	Moses Williams	1,000.00
	J. Huntington Wolcott	300.00
	Elizabeth Hill	237.50
1864	William S. Bullard	800.00
	William Oliver	57,760.04
1865	Hannah F. Lee	1,000.00
	William Minot	100.00
	Stephen Salisbury	5,000.00
	Edward Whitney	5,000.00
	Edward Wigglesworth	1,000.00
1866	Subscribers in Aid of Funds ($100,800.00)	
	William Amory	250.00
	William T. Andrews	500.00
	Charles H. Appleton	500.00
	Nathan Appleton, Jr.	250.00
	Thomas G. Appleton	1,000.00
	William Appleton, Jr.	500.00
	William S. Appleton	500.00
	Anonymous, by W. S. B. . . .	500.00
	Francis Bacon	500.00
	James M. Beebe	5,000.00
	George B. Blake	100.00
	John Borland	300.00
	Boston Stock Exchange Board . .	1,000.00
	Mrs. N. I. Bowditch	5,000.00
	F. H. and J. B. Bradlee	500.00
	Martin Brimmer	1,000.00
	Edward Brooks	500.00
	Peter C. Brooks	1,000.00
	Peter C. Brooks, Jr.	1,000.00
	Shepherd Brooks	1,000.00
	William S. Bullard	5,000.00
	Edward A. Codman	500.00
	Caleb A. Curtis	100.00
	Greely S. Curtis	500.00
	John G. Cushing	500.00
	Robert M. Cushing	500.00
	Thomas F. Cushing	500.00
	Otis Daniels	500.00
	Isaac Warren Danforth	500.00
	F. Gordon Dexter	500.00
	Albert Fearing	500.00
	Augustus Flagg	100.00
	William H. Gardiner	250.00
	George Gardner	300.00
	Henry J. Gardner	500.00
	John L. Gardner	5,000.00
	Joseph B. Glover	300.00
	The Misses Eliza and Lucy Goodwin	500.00
	Mrs. Henry Grew	500.00
	Andrew T. Hall	100.00
	Augustine Heard	250.00
	Mrs. Augustus Hemenway . . .	1,000.00
	George Higginson	250.00
	Robert Hooper	200.00
	C. F. Hovey & Co.	1,000.00
	Carried forward	$931,187.26

	Brought forward	$931,187.26
1866	George Howe	1,000.00
	Jabez C. Howe	2,000.00
	Thomas Howe	250.00
	Horatio H. Hunnewell	2,000.00
	Iasigi, Goddard, & Co.	500.00
	Herman B. Inches	250.00
	Abbott Lawrence	500.00
	Amos A. Lawrence	500.00
	James Lawrence	1,000.00
	James L. Little	1,000.00
	Mrs. John E. Lodge	300.00
	Francis C. Lowell	250.00
	John Amory Lowell	1,000.00
	George W. Lyman	1,000.00
	Theodore Lyman	200.00
	Robert M. Mason	1,000.00
	William P. Mason	500.00
	Theodore Matchett	200.00
	Nathan Matthews	200.00
	James McGregor	250.00
	Charles H. Minot	100.00
	George R. Minot	200.00
	Enoch R. Mudge	1,000.00
	Charles Merriam	250.00
	E. Francis Parker	100.00
	John Brooks Parker	500.00
	Samuel R. Payson	1,000.00
	William Perkins	500.00
	Andrew Pierce, Jr.	100.00
	Miss Sarah P. Pratt	1,000.00
	Miss Mary Pratt	1,000.00
	Jeffrey Richardson	1,000.00
	Henry B. Rogers	1,000.00
	George C. Shattuck	500.00
	Francis Skinner & Co.	2,000.00
	Henry P. Sturgis	500.00
	Samuel W. Swett	250.00
	Nathaniel Thayer	25,000.00
	William Thomas	100.00
	Mrs. William Thomas	100.00
	Mrs. William W. Wadsworth	500.00
	Miss M. A. Wales	300.00
	William G. Weld	250.00
	George D. Welles	100.00
	Miss Susan J. Welles	500.00
	Miss Jane Welles	500.00
	Benjamin C. White	200.00
	Joseph Whitney	500.00
	Miss Anne Wigglesworth	1,000.00
	Miss Mary Wigglesworth	1,000.00
	Edward Wigglesworth	1,000.00
	Thomas Wigglesworth	1,000.00
	Moses Williams	3,000.00
	Robert C. Winthrop	100.00
	Rev. Mr. Spaulding	500.00
	Rev. S. M. Worcester	1,900.00
	F. N. Mitchell	67.50
1867	Sarah Pratt	18,800.00
	Carried forward	$1,012,504.76

	Brought forward	$1,012,504.76
1867	Charles Harris	1,000.00
	J. Mason Warren	2,000.00
1868	Abigail Loring	38,901.67
	St. Stephens Chapel	2,000.00
	Morrill Wyman	200.00
1870	Amateur Dramatic Association	450.00
	H. J. Bigelow	500.00
1871	Sidney Homer	1,000.00
1871–1917	Massachusetts Hospital Life Insurance Co.	410,000.00
1874–1886	Hospital Sunday	10,798.28
1875	Miss M. C. Bryant	500.00
1877–1883	Charlotte Harris	274,457.33
1877	Elizabeth Powers	3,000.00
1878	Edward Blanchard	3,000.00
1879	J. T. Coolidge	100.00
	Margaret Tucker	49.63
	Miss Marian Hovey	1,000.00
	Henry S. Hovey	1,000.00
	Mrs. John T. Morse, Jr.	1,000.00
1880	F. James	846.07
1881	John C. Gray	25,000.00
	Thomas D. Quincy	1,000.00
	E. R. Mudge	1,000.00
	Sir Moses Montefiore	5.97
1882	Mary Pratt	20,000.00
	Miss Mary Wigglesworth	5,000.00
	G. H. Gay Fund	25,000.00
	Edwin Fiske	50.00
1883	Jerome G. Kidder	25,000.00
1884	Amasa Guild	40.00
	Thomas G. Appleton	5,000.00
1885	A. W. Folsom	125.00
	Dr. Francis P. Hurd	10,030.56
	John Wilson	13,600.00
1887	E. W. Hooper	1,500.00
1888–1898	Helen C. Bradlee	75,000.00
1888	Mrs. Eliot Hubbard	1,000.00
	Francis C. Balch	50.00
1891	Abraham Goldsmid	150.00
	Joseph Schofield	3,000.00
	Anne Wigglesworth	5,000.00
	Augustus L. Case	500.00
	Mrs. J. S. Cabot	50.00
1892	Elizabeth B. Bowditch	5,000.00
1893–1894	George A. Gardner	50,000.00
1893–1917	Anna S. C. Prince	13,800.00
1894	Henry P. Kidder	10,000.00
1895	George W. Ellis	50.00
	Benefit Performance — Henry Irving	884.25
	Henry C. Hutchins	2,000.00
	Walter Hunnewell	1,000.00
1897	Louisa C. Palfrey	2,000.00
	Ellen Flint	28.86
1897–1901	Mary B. Turner	2,580.61
1897	Ellen F. Mason	1,000.00
	E. B. Bush	50.00
	J. W. Quimby	50.00
	Carried forward	$2,069,852.99

	Brought forward	$2,069,852.99
1898–1911	Henry L. Pierce	798,100.00
1898–1905	Subscribers to Eliot Chapel	33,220.07
1898	Thomas E. Proctor	145,000.00
	A. C. Slater	1,000.00
	Thomas F. Wyman	119,720.41
1899	Otis E. Weld	1,063.50
1900–1908	J. Putnam Bradlee	243,391.24
1900	Robert C. Billings	50,000.00
	Francis E. Bangs	2,000.00
	Daniel Sharp Ford	7,000.00
1901–1906	Robert Henry Eddy	56,788.00
1901–1913	Mrs. John B. Tileston	505.00
1901	Euphemia Millar	2,557.74
	Robert Codman	5,000.00
1902	Mrs. S. D. Warren	20,000.00
	Edward I. Brown	10,000.00
	Mrs. Elizabeth L. Wyman	250.00
	George Gardner	1,000.00
	Mrs. Nathaniel Thayer	1,000.00
	Edward F. Daland	1,000.00
	Children of Mrs. Henry Winsor (Phila.)	1,000.00
1903–1908	William S. Dexter	5,000.00
1903	C. H. W. Foster	500.00
	Jacob Hecht	500.00
	Merchants' & Miners' Transportation Co.	50.00
	Sarah A. Matchett	1,000.00
1904–1905	Charles H. Hayden	102,133.33
1904–1907	Thomas Wigglesworth	15,000.00
1904	Mrs. Alice B. Chase	1,000.00
	Harriet O. Cruft	2,000.00
	Mrs. Henry Lee	2,000.00
1905	Mrs. William Caleb Loring	100.00
	Ellen V. Smith	50.00
	J. H. T. Adams	58,256.46
	Edward W. Codman	303,073.91
	Mr. and Mrs. Henry S. Grew	1,000.00
1906	Mrs. H. Kuhn	50.00
	Desmond FitzGerald	25.00
	Laura M. Moore	2,500.00
	Martin Brimmer	20,000.00
	William Bolton	555.22
	Edward Woodman	1,000.00
	Henry L. Higginson	1,000.00
	Mrs. George D. Howe	1,000.00
1907	Charles E. French	10,000.00
	Mrs. J. J. Storrow	25.00
1907–1912	Henry B. Mulliken	113,424.21
1907–1915	Georgina Lowell	170.00
1907	William Amory	50.00
	Alice M. Longfellow	5.00
	Mrs. R. G. Shaw	50.00
1907–1914	William P. Blake	250.00
1907	Anna Dehon Blake	25.00
1908–1915	Philip S. Sears	125.00
1908–1911	Mrs. B. L. Young	75.00
1908–1917	Charles W. Hubbard	325.00
	Carried forward	$4,211,767.08

	Brought forward	$4,211,767.08
1908	Mrs. John H. Sturgis	10.00
	Subscribers to Orthopedic Ward	38,577.72
	Luther Farnham	466.63
1909	Cash	1.00
	C. O. Brewster	12.00
	George F. Parkman	50,000.00
	J. P. Reynolds, Jr.	50.00
1909–1915	Francis Skinner	12,000.00
1910	T. C. Thatcher	25.00
	Howard Child	25.00
	George W. Boyd	2,000.00
	Mrs. Frances R. Jones	35.00
1910–1911	Charity Contest — Henry Siegel Co.	30.00
1910	Mrs. G. W. W. Dorr	25.00
	Ellen T. Emerson	10.00
	William J. Cheever	8,116.95
1910–1913	John E. Atkins	89,420.68
1910	George Dexter	10,000.00
	Mrs. Frederick C. Shattuck	300.00
	R. M. Burden	50.00
1910–1916	Lucy F. Simmons	5,007.04
1911–1917	Miss M. L. Blake	85.00
1911	John Ashton	22,176.47
	E. C. Lee	500.00
	Vicomtesse Treilhard	400.00
	Harvey H. Baker	10.00
	Lionel Norman	9.00
	Dr. Frederick C. Shattuck	200.00
	Estate of Joseph G. Dalton, by A. P. Loring	1,000.00
	Thomas J. Knudsen	4.00
1912–1916	Mrs. Edwin S. Webster	100.00
1912	Dorothy King and Olivia Churchill	1.00
	Victor Govignon	50.00
	Pedro Tosea	10.00
	Dr. E. M. Vrooman	10.00
	Drs. Wasener and Tongs	40.00
	Paul W. Reimer	1.00
	Josephine Pitman	2.00
	Rosamond Clark	2.00
	Oliver S. Roberts	3.00
	Henry H. Hills	100.00
	Clara Barton Fund	3,241.00
1913–1917	F. W. Hunnewell, 2d	110.00
1913	Edward W. Grew	20.00
	Mr. Countway	1.00
1913–1916	I. Tucker Burr	75.00
1913	Charles T. Lovering	30.00
	A former Out-Patient	2.00
	Miss Mary Thomas	10.00
	Francis I. Amory	100.00
1913–1917	Mrs. Harcourt Amory	250.00
1913	Mrs. Peter C. Brooks	50.00
1913–1917	Mrs. Stephen S. FitzGerald	40.00
1913–1914	Frank E. Langley	30.00
1913	Josef Henrik Johnsan	5.00
	A friend	25.00
	Carried forward	$4,456,621.57

	Brought forward	$4,456,621.57
1913–1917	Humane Society of Commonwealth of Massachusetts	1,700.00
1913	Mr. and Mrs. F. A. Eustis	10.00
	Mrs. Henry S. Grew	1,000.00
1913–1914	Mehitable C. C. Wilson	543.75
1913	Anonymous	2.00
	Mrs. F. A. Eustis	10.00
	Theodore Mendelstein	5.00
	The Ninety-Five Sewing Circle . .	20.00
	Rosa A. Mulrey	1.00
	Miss Marjorie R. van Wickle . . .	50.00
	Mrs. W. Scott Fitz	1,000.00
	Subscribers for Nurses' Home: ($92,880.31)	
	Mrs. Andrew C. Wheelwright . .	20,000.00
	Nathaniel Thayer	50,000.00
	Shepherd Brooks	5,000.00
	Ladies' Advisory Committee of the Training School for Nurses . .	14,000.00
	In memory of Mrs. Samuel Torrey Morse	1,000.00
	Interest accrued	2,880.31
1914	Edith L. Coolidge	748.03
1914–1916	J. M. Crafts	40.00
1914	Edward B. Adams	10.00
	A Friend	5.00
1914–1917	Mrs. S. Parkman Blake	200.00
1914	Mrs. Caroline B. Allen	5,000.00
	H. M. Sears, F. C. Welch, and R. E. Bullard, Executors u/w of Francis Bartlett	10,000.00
1914–1916	Edward B. Alford	60.00
1914	Mrs. William P. McKenzie . . .	5.00
	Emily Whiting	5.00
	Anne W. Davis	9,030.70
	Mrs. Warren B. P. Weeks	25.00
	Out-Patient	1.00
	Mary A. Conlin	10.00
1914–1917	Francis Skinner, Sr.	43,721.76
1914	Miss Helen Cudahy	500.00
	Anonymous	1.00
	Mrs. Eliza Dean	5.00
	William H. Blacar	2.50
	George Wigglesworth	2,500.00
1915	Mrs. David K. Horton	15.00
	Arthur A. Carey	5.00
	Lawson Frederick Cartter	50.00
1915–1916	Miss A. F. Manning	20.00
1915	Mrs. F. S. Mead	5.00
	Mrs. Alex. S. Porter, Jr.	25.00
1915–1917	W. B. P. Weeks	75.00
1915	Anonymous	.08
	F. G. Curtis	25.00
	Charles R. Lawrence	11,000.00
	Mrs. Gertrude Hunter	2.00
	Anonymous	3.00
	Dr. William E. Reed	9.22
	Anonymous	3.00
	Carried forward	$4,636,950.92

	Brought forward	$4,636,950.92
1915	Henry Lyman	200.00
	Anonymous	50,000.00
	Anonymous	5.00
	W. H. Williams	6.00
	Out-Patient	3.00
	Martin J. Foley	1.00
	Everett Morss	100.00
	Miss Lois W. Clarke	5.00
	Annie L. Conley	5.00
	Salvatore Maschera	3.00
1915–1916	Caroline L. W. French	100,843.34
1915	Misag Azzigian	5.00
1916	Anonymous	1.00
	Mrs. Stephen G. Wheatland	50.00
	Mrs. Wallace Dunbar Dexter, Jr.	5.00
	Mrs. Richard B. Fuller	5.00
	Mrs. Arthur N. Hood	5.00
	Elmer P. Howe	20.00
1916–1917	Mrs. Atherton Thayer Brown	20.00
1916	Charles A. Vialle	25.00
	Mrs. F. G. Curtis	25.00
	Mrs. Barrett Wendell, Jr.	10.00
	Miss Helen Peabody	2.00
	Mrs. Waldo E. Forbes	50.00
	Archibald Cary Coolidge	20.00
	Malcolm G. Peabody	10.00
	Mrs. Ezra Ripley Thayer	10.00
	Eliase Jacques	25.00
	A former Patient	5.00
	E. S. C.	100.00
	John W. Wheelwright	2,000.00
	Mrs. J. T. Coolidge	100.00
	F. W. Webster	25.00
	Bartlett C. Reynolds	1.00
	Miss Effie A. McDonald	1.00
	A Patient	1.00
	Thomas Mack	1,000.00
1916–1917	Caroline E. Davis	33,852.03
1916	Frank E. Peabody	77,221.35
	Interest accrued	1,003.37
	Charles W. Moseley, surviving executor under the will of Julia M. Moseley, in memory of Dr. William Oxnard Moseley, Jr.	185,000.00
	Interest accrued	4,642.35
1917	Mrs. F. G. Curtis	25.00
	Mrs. Geoffrey G. Whitney	50.00
	Albert Farwell Bemis	10.00
	Mrs. R. M. Saltonstall	50.00
	Miss Eleanor S. Parker	200.00
	Mrs. George Putnam	100.00
	J. Randolph Coolidge	200.00
	Edward M. Brewer	50.00
	S. T. Russell	50.00
	Mrs. William Whitman, Jr.	25.00
	The S. S. W.	10.00
	Captain Blackwell	10.00
	Carried forward	$5,094,142.36

	Brought forward	$5,094,142.36	
1917	Miss Marian F. Young	5.00	
	E. S. C.	100.00	
1811–1917	Subscribers to Free Beds (Annual)	804,651.09	
	Total Unrestricted Gifts to this Fund, 1811–1917 inclusive		$5,898,898.45
	Profits from Real Estate, Stock and Bonds, etc.		1,902,589.68
			$7,801,488.13
	Withdrawals from this Fund representing annual excess of expenses over receipts at Hospitals, and other adjustments, 1811–1917, inclusive .		2,964,603.99
	Balance to credit of this Fund . .		$4,836,884.14

MASSACHUSETTS GENERAL HOSPITAL

RESTRICTED FUNDS FOR THE GENERAL HOSPITAL

INCOME DEVOTED TO FREE BEDS.

1825	The Davis Fund, a bequest from Mrs. Eleanor Davis	$900.00
1827	William Phillips Fund, a bequest from William Phillips . . .	5,000.00
1830	Belknap Fund, a bequest from Jeremiah Belknap	10,000.00
1841	Brimmer Fund, a bequest from Miss Mary Ann Brimmer . .	5,000.00
1842	Tucker Fund, a bequest from Miss Margaret Tucker . . .	3,312.37
1849	Williams Fund, a bequest from John D. Williams, of Estate No. 17 Blackstone Street . .	19,600.00
	Nichols Fund, a bequest from B. R. Nichols	6,000.00
1850	Todd Fund, a bequest from Henry Todd	5,000.00
1851	Wilder Fund, a bequest from Chas. W. Wilder . $12,000.00	
1912	and a bequest from Florence Elizabeth Wilder, his granddaughter . . . 1,000.00	13,000.00
1856	Bromfield Fund, half of a bequest from John Bromfield . . .	20,000.00
	Wm. Reed Fund, a bequest from Wm. Reed	5,233.92
1857	Treadwell Fund, part of a bequest from J. G. Treadwell .	38,703.91
1858	Dowse Fund, a bequest from Thomas Dowse	5,000.00
1858–1897	Sawyer Fund, part of a bequest from M. P. Sawyer	76,966.19
1859	Thompson Fund, a bequest from S. B. Thompson	500.00
1860	J. Phillips Fund, a bequest from Jonathan Phillips	10,000.00
1862	Miss Townsend Fund, a donation from the executors of the will of Miss Mary P. Townsend .	11,486.50
1863	Pickens Fund, a bequest from John Pickens	1,676.75
	Percival Fund, a bequest from John Percival	950.00
1864	Greene Fund, a bequest from Benj. D. Greene	5,000.00
1865	Sever Fund, a bequest from Miss Martha Sever	500.00
	Carried forward	$243,829.64

	Brought forward	$243,829.64
1865	The Raymond Fund, a bequest from E. A. Raymond	2,820.00
1868	Harris Fund, part of a bequest from Charles Harris . . .	1,000.00
	Mason Fund, a bequest from Wm. P. Mason	9,400.00
	Loring Fund, a bequest from Abigail Loring	5,000.00
1868–1875	Miss Shaw Fund, a donation and bequest from Miss M. Louisa Shaw	5,500.00
1871	J. L. Gardner Fund, a donation from J. L. Gardner	20,000.00
	B. T. Reed Fund, a donation from Benj. T. Reed	1,000.00
	Read Fund, half of a bequest from James Read	1,000.00
1872	McGregor Fund, half of a donation and bequest from James McGregor	7,500.00
	Joy Fund, a bequest from Miss Nabby Joy	20,000.00
1873	Parker Fund, a bequest from Jonathan Parker, Jr. . . .	10,000.00
1874	Templeton Fund, half of a bequest from John Templeton .	5,000.00
	Miss Rice Fund, a bequest from Miss Arabella Rice	5,000.00
	Mrs. J. H. Rogers Fund, a donation from J. H. Rogers . .	1,177.50
1876	Beebe Fund, a bequest from J. M. Beebe	50,000.00
	Lincoln Fund, half of a bequest from Mrs. F. W. Lincoln . .	85,000.00
1877	Blanchard Fund, a bequest from Mrs. M. B. Blanchard . . .	4,000.00
	George Gardner Fund, a donation of $1,000 from George Gardner, and $11,000 from Shepherd Brooks	12,000.00
	Hemenway Fund, a donation from the executors of the will of Augustus Hemenway . . .	20,000.00
	Jessup Fund, part of a bequest from Dr. Chas. A. Jessup . .	1,000.00
	Tufts Fund, a bequest from Quincy Tufts	10,000.00
1878	Eliza Perkins Fund, a donation from Mrs. H. B. Rogers . .	1,000.00
	Dwight Fund, a donation from Mrs. T. Bradford Dwight . .	1,000.00
1879	Hunnewell Fund, a donation from H. H. Hunnewell	10,000.00
	R. M. Mason Fund, a bequest from R. M. Mason . . .	5,000.00
	Hannah Lowell Cabot Fund, a donation from Dr. Samuel Cabot	1,000.00
	Carried forward	$538,227.14

	Brought forward	$538,227.14
1879	The Gray Fund, a donation from John C. Gray	1,000.00
1881	Welles Fund, a donation from Miss Jane Welles	5,000.00
1882	Black Fund, a bequest from Miss Marianna Black	2,000.00
	Eben Wright Fund, an assignment of legacies by the children of T. Jefferson Coolidge . . .	14,000.00
1883	Paraclete Holmes Fund, a donation from W. S. Adams . .	2,000.00
	Estabrooks Fund, a bequest from J. W. Estabrooks	1,000.00
	Thayer Fund, a bequest from Nathaniel Thayer	30,000.00
1884	John Bertram Fund, a donation from Mrs. Clara Bertram Kimball	5,000.00
	D. R. Whitney Fund, a donation of D. R. Whitney	1,000.00
	Ann E. Gray Fund, a bequest from Miss Ann E. Gray . .	5,000.00
1886	Hannah C. Leland Fund, a bequest from Mrs. Hannah C. Leland	15,000.00
	Esther E. Beebe Fund, a bequest from Mrs. Esther E. Beebe .	2,000.00
	Ella F. Roehl Fund, a bequest from Ella F. Roehl	8,085.02
	Donations from friends, two of $100 each and one of $50 . .	250.00
	Urbino Fund, a bequest of S. R. Urbino	6,000.00
1887	Emily W. Appleton Fund, a donation from Mrs. Emily W. Appleton	1,000.00
	Henry B. Rogers Fund, a bequest from Henry B. Rogers . . .	10,000.00
	John H. Eastburn Fund, a bequest from John H. Eastburn	10,000.00
	Mrs. Susan F. Eastburn Fund, a bequest from Mrs. Susan F. Eastburn	1,000.00
	William B. Craft Fund, a bequest from William B. Craft . . .	5,000.00
1888	McGregor Fund, a bequest of Mrs. James McGregor . . .	1,000.00
	Charles R. Hayden Fund, a donation from Mrs. Annie Ruth Hayden	2,000.00
	Spaulding Fund, a donation of Mahlon D. and John P. Spaulding	10,000.00
	Anna T. Phillips Fund, a donation of Mrs. Anna T. Phillips	1,000.00
	Joel Spaulding Fund, a donation of Miss Sarah R. Spaulding .	3,000.00
	Carried forward	$679,562.16

	Brought forward	$679,562.16
1889	The Bartlett Fund, a bequest of Sidney Bartlett	10,000.00
	Jas. B. and Mary Dow Fund, a gift of Mary Dow, under the will of James B. Dow . . .	5,000.00
	Shattuck Fund, a donation of Mrs. George C. Shattuck . .	500.00
1890	Elisha T. Loring Fund, a bequest of Elisha T. Loring	10,000.00
	Ellen M. Gifford Fund, part of bequest of Ellen M. Gifford .	10,000.00
	Turner Sargent Fund, a bequest of Amelia Jackson Sargent .	5,000.00
	Sarah E. Allen Fund, a bequest of Sarah E. Allen	5,000.00
	Jordan, Marsh and Co. Fund, a donation of Jordan, Marsh and Co.	1,000.00
	Wm. S. Dexter Fund, a donation of Wm. S. Dexter	5,000.00
	Wm. B. Spooner Fund, a bequest of Wm. B. Spooner	3,000.00
1891	Caroline Merriam Fund, a donation from Frank Merriam . .	1,000.00
1892	Stephen P. H. May Fund . . .	1,000.00
1893	Waldmeyer Fund, a bequest of Philip Waldmeyer	1,000.00
	Elizabeth W. Gay Fund, a bequest of Elizabeth W. Gay .	7,931.19
1894	Lawrence Fund, a bequest of Abbott Lawrence	10,000.00
	Isaac Sweetser Fund, a bequest of Mrs. Anne M. Sweetser . .	46,913.14
1895	Burnham Fund, a bequest of T. O. H. P. Burnham . . .	250,000.00
	Moseley Fund, a bequest of Wm. O. Moseley	20,000.00
	Snow Fund, a bequest of Sophia J. Snow	5,000.00
1896	Glover Fund, a bequest of Albert Glover	5,000.00
	R. W. Turner Fund, a bequest of Royal W. Turner	21,086.48
	Coolidge Fund, a bequest of Susan G. Coolidge	176,000.00
	Vose Fund, half of a bequest of Ann White Vose	38,983.09
	Cheney Fund, a bequest of B. P. Cheney	10,000.00
	Mary B. Turner Fund, a bequest of Mary B. Turner	5,000.00
	Theodore Chase Fund, a donation of Alice Bowdoin Chase . .	5,000.00
	Henry E. Moody Fund, a bequest of Jane C. Moody	2,091.42
1897	Benj. Jos. Gilbert Fund, a donation of Mrs. Susan B. Richards	5,000.00
	Carried forward	$1,345,067.48

	Brought forward	$1,345,067.48
1897	The Harriet T. Andrew Fund, a bequest of Harriet T. Andrew .	5,000.00
	Wm. Hilton Fund, a bequest of Wm. Hilton	22,553.66
	Cornelia V. R. Thayer Fund, a bequest of Mrs. C. V. R. Thayer	25,000.00
	Chas. Paine Cheney Fund, a donation of Mrs. B. P. Cheney . .	5,000.00
	Chas. B. Porter Fund, a bequest of W. L. Chase	5,000.00
1898	Henry L. Pierce Fund, part of a bequest of Henry L. Pierce .	50,000.00
	Brown Fund, a bequest of Harriet Louisa Brown	5,000.00
1899	Luther Farnum Fund, a bequest of Luther Farnum	2,637.37
	J. Huntington Wolcott Fund, a bequest of Mrs. J. Huntington Wolcott	25,000.00
	Geo. A. Newell Fund, a bequest of Geo. A. Newell	5,000.00
	Ira C. Calef Fund, a donation of Ira C. Calef	5,000.00
1900	J. Collins Warren Fund, a bequest of Anna S. C. Blake . . .	10,000.00
1901	Henry Saltonstall Fund, a bequest of Henry Saltonstall .	10,000.00
	Conrad Mohr Fund, a bequest of Conrad Mohr	41,384.18
	Sarah H. A. Burnham Fund, a donation of Mrs. Sarah B. Whittemore and Mrs. Theresa B. Dodge	5,000.00
	Chas. L. Young Fund, a bequest of Chas. L. Young	5,000.00
1902	Henry Woods Fund, a bequest of Henry Woods	5,000.00
	Henry Whitman Fund, a bequest of Henry Whitman	10,000.00
	Jos. B. Glover Fund, a bequest of Jos. B. Glover	5,000.00
	Stuart Wadsworth Wheeler Fund, a donation of Susan Farnum Wheeler	1,000.00
	Wm. Whitworth Gannett Fund, a donation of Wm. Whitworth Gannett	1,000.00
1903	Fred'k L. Ames Fund, a bequest of Mrs. Fred'k L. Ames . .	5,000.00
	John Ruggles Fund, a bequest of Mrs. Mary L. Ruggles . . .	10,000.00
	Robert Chas. Billings Fund, a donation of Thomas Minns, surviving executor under the will of Robert Chas. Billings	5,000.00
	J. Sullivan Warren Fund, Legacy of Elizabeth T. L. Warren . .	62,350.00
	Carried forward	$1,675,992.69

	Brought forward	$1,675,992.69
1904	The Chas. H. Hayden Fund, part of a bequest of Chas. H. Hayden	5,000.00
1904–1915	Harriet O. Cruft Fund, a donation and bequest of Miss Harriet O. Cruft	33,000.00
1904	Shepard Norwell Fund, a donation of John Shepard . . .	5,000.00
1905	Henry C. Weston Fund, a donation of Mrs. Evelyn O. Weston	5,000.00
	Geo. B. Upton Fund, a bequest of Geo. B. Upton	5,000.00
	Hannah Smith-Lexington Fund, a bequest of George O. Smith .	5,000.00
1906	Coburn Fund, a bequest of Mrs. Helen G. Coburn	75,000.00
	Nurses' Training School, Free Bed Fund	5,000.00
1907	Charles Merriam Fund, a bequest of Charles Merriam . . .	5,000.00
1908	Moses Williams Fund, a donation of Laura L. Case . . .	5,000.00
	Smith and Sarah A. Gerrish Fund, a bequest of Edward Gerrish	8,000.00
	Harriet O. Cruft Fund, a donation of Miss Harriet O. Cruft, as a Children's Fund . . .	5,000.00
1908–1916	W. Scott Fitz Fund, a donation of Mrs. W. Scott Fitz . . .	10,000.00
1910–1914	Florence Lyman Fund, a bequest of Florence Lyman	3,891.41
1910	Eugene V. R. Thayer Fund, a bequest in memory of Eugene V. R. Thayer	5,000.00
	Lucius Clapp Fund, a bequest of Lucius Clapp	5,000.00
	Thomas Niles Fund, a bequest of Thomas Niles	29,281.67
	William Litchfield Fund, a bequest of William Litchfield .	5,000.00
	Charles H. Draper Fund, a bequest of Charles H. Draper .	23,934.13
1911	James Rogers Rich Fund, a bequest of James Rogers Rich .	1,000.00
	Mrs. Bennett H. Nash Fund, a donation of Mrs. Bennett H. Nash	5,000.00
	Frances Fay and Arthur Kelsey Fay Memorial Fund, a donation of James H. Fay . . .	1,000.00
	Catherine A. Barstow Fund, a bequest of Catherine A. Barstow	10,000.00
	Mary E. Badger Fund, a bequest of Mary E. Badger	2,000.00
	Thomas Talbot Fund, a bequest of Isabella W. Talbot . . .	5,000.00
1912	Matchett Fund, a bequest of Mrs. Sarah A. Matchett	25,000.00
	Carried forward	$1,968,099.90

	Brought forward		$1,968,099.90
1912	The Waite Memorial Bed, a bequest of Harriet E. Goodnow . .		5,091.67
	Caroline M. Martin Fund, a bequest of Caroline M. Martin .		5,094.94
1913	John S. Ames Fund, a donation of John S. Ames		5,000.00
	Mary Stickney Fund, a bequest of Mary Spaulding		5,000.00
	George N. Smalley Fund, a bequest of George N. Smalley .		5,000.00
1914–1915	William S. Hills Fund, a bequest of William S. Hills		10,000.00
1914–1917	Dr. John M. Harlow Fund, a bequest of Dr. John M. Harlow of $31,125.47 and of Frances K. Harlow of $13,339.48 . . .		44,464.95
1915	Esther Storey Fund, a bequest of Joseph C. Storey		5,000.00
	Jane Elkins Fund, a bequest of Joseph C. Storey		5,000.00
	William N. Felton Fund, a bequest of William N. Felton .		5,000.00
	Jennie A. Pond Fund, a donation of H. D. Woods		5,250.00
	Susan Welles Sturgis Fund, a bequest of John Aiken Preston .		5,000.00
1916	Isabella Freeman Dillingham Bed, a bequest of Isabella W. Dillingham		5,314.44
1916	William Endicott Fund, a bequest of William Endicott, $25,000, and an Anonymous donation of $25,000		50,000.00
1917	Sylvester Bowman Fund, a bequest of Sylvester Bowman .		50,900.00
	Ellen Channing Fund, a bequest of Ellen Channing . .		5,000.00
1917	Mrs. Henry S. Grew Fund, a donation of Mrs. Henry S. Grew		5,000.00
	Timothy Paige Fund, a donation of Timothy Paige		4,000.00
			$2,193,215.90

INCOME UNRESTRICTED.

1845	The Waldo Fund, bequest of Daniel Waldo		$40,000.00	
1886	Dr. J. H. Whittemore Memorial Fund:			
	William S. Bullard	$500.00		
	Peter C. Brooks .	200.00		
	Martin Brimmer .	300.00		
	Arthur T. Lyman .	250.00		
	Geo. P. Metcalf .	100.00		
	Benton, Caverly & Co.	100.00		
	B. Johnson . .	100.00		
	Carried forward	$1,550.00	$40,000.00	$2,193,215.90

	Brought forward .	$1,550.00	$40,000.00	$2,193,215.90
1886	A Friend . . .	1,000.00		
	David P. Kimball .	500.00		
	T. Jefferson Coolidge	500.00		
	James L. Little .	100.00		
	Caroline G. Curtis	100.00		
	Theodore Lyman .	100.00		
	E. F. Mason . .	100.00		
	T. K. Lothrop . .	500.00		
	C. J. Morrill . .	1,000.00		
	George Higginson .	5,000.00		
	Edmund Dwight .	1,000.00		
	S. D. Warren . .	1,000.00		
	Mrs. J. E. Lodge .	100.00		
	Dr. Charles V. Bemis	50.00		
	George S. Hale .	50.00		
	Miss Anne Wigglesworth . . .	500.00		
	H. H. Hunnewell .	1,500.00		
	J. A. Emmons . .	500.00		
	Mrs. Gardner Brewer . . .	100.00		
	Miss C. A. Brewer	20.00		
	Mrs. E. B. Bowditch	500.00		
	Sands, Furber & Co.	100.00		
	J. B. Fletcher . .	100.00		
	Shattuck & Jones .	100.00		
	D. R. Whitney .	100.00		
	Nathan Robbins .	100.00		
	William Perkins .	100.00		
	Chas. P. Curtis .	100.00		
	Otis E. Weld . .	500.00		
	Ida M. Mason . .	100.00		
	George B. Brown .	50.00		
	A Friend . . .	50.00		
	A Friend, through Mr. Endicott .	100.00		
	John L. Bremer .	500.00		
	Miss Anna Hallowell	100.00		
	N. P. Hallowell .	100.00		
	G. W. Wells . .	100.00		
	A Lady, through Mr. Dalton . .	50.00		
	Franklin Haven, Jr.	100.00		
	Charles Merriam .	100.00		
	Edward Austin .	300.00		
	C. H. Dalton . .	300.00		
	Mrs. C. H. Dalton	50.00		
	Augustus Lowell .	250.00		
	Henry Saltonstall .	200.00		
	Mrs. G. H. Shaw .	100.00		
	Mrs. Frank Morison	50.00		
	Mrs. J. H. Wolcott	100.00		
	Mrs. W. W. Vaughan . .	250.00		
	Carried forward	$19,920.00	$40,000.00	$2,193,215.90

	Brought forward .	$19,920.00	$40,000.00	$2,193,215.90
1886	R. T. Paine . .	200.00		
	Francis Blake . .	100.00		
	Roger Wolcott . .	100.00		
	Henry Lee . . .	500.00		
	A. A. Lawrence .	300.00		
	William Endicott, Jr.	1,000.00		
	Henry Woods . .	500.00		
	Ezra Farnsworth .	1,000.00		
	Thomas E. Proctor	500.00		
	Henry B. Rogers .	500.00		
	Mary Anne Wales	200.00		
	Mrs. Jas. McGregor	100.00		
	Mrs. Caroline Merriam	100.00		
	Mrs. J. Elliot Cabot	1,000.00		
	J. M. Sears . .	1,000.00		
	Nathaniel Thayer .	1,500.00		
	John E. Thayer .	1,000.00		
	Bayard Thayer .	1,000.00		
	E. V. R. Thayer .	500.00		
	Mrs. Nathaniel Thayer . . .	500.00		
	Mrs. J. F. Andrews	500.00		
	R. C. Greenleaf .	1,000.00		
	Samuel Johnson .	500.00		
	Mrs. Francis Brooks . . .	100.00		
	J. H. Wolcott . .	100.00		
			$33,720.00	
1889	Blake Fund, a bequest of Stanton Blake		10,000.00	
1892	Charles W. Faulkner Fund, bequest of C. W. Faulkner . .		2,940.00	
1897	John Foster Fund, bequest of John Foster		10,000.00	
1898	Elizabeth C. Ware Fund, bequest of Elizabeth C. Ware . . .		10,000.00	
1901	Lucretia A. Wilder Fund, a bequest of Lucretia A. Wilder .		9,377.64	
	Roger Wolcott Fund, bequest of Roger Wolcott		5,000.00	
1915	Arthur T. Lyman Fund, a donation of Arthur T. Lyman . .		10,000.00	
1916	Mitchell A. Dearborn Fund, a bequest of Mitchell A. Dearborn		525.00	
1917	Arthur G. Tompkins Fund, a bequest of Arthur G. Tompkins .		25,000.00	
	Charles P. Jaynes Fund, a bequest of Charles P. Jaynes .		11,477.00	
1905	Edward W. Codman Fund, part of a bequest of Edward W. Codman		10,000.00	
	By vote of the Trustees, April 14, 1905, the interest on this amount was given to the Nurses' Training School.			
				$178,039.64
	Carried forward			$2,371,255.54

	Brought forward	$2,371,255.54

INCOME DEVOTED TO ANY PURPOSE EXCEPT BUILDINGS.

1862–1872	The Redman Fund, a bequest from John Redman	455,113.34

CHESTER H. DAVIS FUND.

1903	For Crippled Children, a bequest of Chester H. Davis	20,000.00
	Total Restricted Fund . .	$2,846,368.88

McLEAN HOSPITAL FUND.

1830	The Joseph Lee Fund, a donation of Joseph Lee, as heir of Francis Lee	$20,000.00
1843	Appleton Fund, a bequest of $10,010 from Samuel Appleton and a donation of $20,000	
1854 1862	from William Appleton . .	30,010.00
1851	Bromfield Fund, half of a bequest from John Bromfield . . .	20,000.00
1858	Austin Fund, part of a bequest from Mrs. Agnes Austin . .	5,000.00
1859	Kittredge Fund, a bequest from Rufus Kittredge	5,500.00
1870	Amusement Fund, $5,000 bequest of Miss Mary Louise Shaw;	
1875	$5,000 donation of Mrs. Quincy A. Shaw and other ladies . .	10,000.00
1871	Read Fund, half of a bequest from James Read	1,000.00
1872	McGregor Fund, half of a donation and bequest from James McGregor	7,500.00
1874	Templeton Fund, half of a bequest from John Templeton . . .	5,000.00
1876	Lincoln Fund, half of a bequest from Mrs. F. W. Lincoln . .	85,000.00
1885	Proctor Fund, a bequest from Mrs. Lydia P. Proctor . .	1,000.00
1888	Hibbard Occupation Fund . .	1,000.00
1889	Higginson Fund, a bequest from George Higginson	10,000.00
1890	Ellen M. Gifford Fund, part of a bequest from Ellen M. Gifford	5,000.00
1895	Matchett Fund, a donation of Sarah A. Matchett	15,000.00
	Thomas E. Proctor Fund for maintenance of buildings . .	30,000.00
1896	Vose Fund, half of a bequest of Ann White Vose	38,983.09
	Carried forward	$289,993.09

	Brought forward	$289,993.09	
1897	Bradlee Fund, part of a donation from Helen C. Bradlee . . .	50,000.00	
1900	Abbott Fund, a bequest of Marshall K. Abbott	2,500.00	
1904	Fund for Department of Scientific Research, a donation of Sarah A. Matchett	5,000.00	
1906	Samuel Eliot Memorial Chapel Fund for maintenance of Chapel	10,904.84	
1909	George F. Parkman Fund, part of a bequest of George F. Parkman	50,000.00	
	Elizabeth B. Maxwell Fund, a bequest of Elizabeth B. Maxwell	1,030.00	
	Mercy A. Bailey Fund, a bequest of Mercy A. Bailey	5,500.00	
1911	Martha R. Hunt Fund, to be used for the entertainment of patients at McLean Hospital . .	10,135.00	
1912–1915	Matchett Memorial Fund, part of a bequest of Sarah A. Matchett	73,376.05	
1913	Sarah E. Cazenove Fund, a bequest of Sarah E. Cazenove .	63,784.36	
1916	John Milton Hall Fund, a donation of a Friend	3,000.00	
	Total McLean Hospital Fund .		$565,223.34

CONVALESCENT HOSPITAL FUND.

1879	Sundry Donors (through Miss Russell)	$3,446.00	
	Executors of George O. Hovey . .	2,000.00	
1880	Sundry Donors (through Miss Russell)	2,513.00	
	Dr. and Mrs. C. E. Ware	1,000.00	
	Mrs. Sarah S. Fay	1,000.00	
	J. L. Gardner	1,000.00	
	Mrs. E. B. Bowditch	1,000.00	
	H. B. Rogers	1,000.00	
	Anne S. Hooper	1,000.00	
	E. Pierson Beebe and Mrs. Beebe . .	1,000.00	
	W. S. Bullard	500.00	
	Samuel W. Swett	500.00	
	William Amory	500.00	
	C. H. Dalton	500.00	
	Chas. P. Curtis	500.00	
	T. K. Lothrop	500.00	
	H. L. Higginson	300.00	
	F. L. Higginson	300.00	
	O. W. Peabody	250.00	
	J. R. Hall	200.00	
	George Dexter	200.00	
	Mrs. Mary M. McGregor	200.00	
	Mrs. Frank Morison	200.00	
	Eliza Goodwin	150.00	
	Carried forward	$19,759.00	

	Brought forward	$19,759.00
1880	Friends	2,050.00
	Mrs. Augustus Hemenway . . .	100.00
	T. G. Appleton	100.00
	J. R. Coolidge	100.00
	H. P. Kidder and C. J. Morrill, Trustees	3,713.85
	Margaret Curtis account Mrs. C. P. Curtis, Sr.	25.00
	D. F. Appleton	50.00
1881	Sundry Donors (through Miss Russell)	3,750.83
	C. J. Morrill and Friend, one-half each	5,000.00
	Moses Williams	1,000.00
	A. T. Lyman	200.00
	A. Cochrane	250.00
	J. C. Gray	300.00
	B. Schlessinger	500.00
	Henry Saltonstall	500.00
	Mrs. P. C. Brooks	300.00
	T. J. Coolidge	300.00
	Mrs. J. B. H. James	100.00
	R. P. Wainwright	50.00
	Ezra H. Baker	500.00
	William S. Houghton	1,000.00
	Elijah Smith	500.00
	Mrs. Samuel Cabot	100.00
	Charles Merriam	100.00
	Caroline Merriam	100.00
	W. G. Weld	250.00
	Mrs. Theodore Chase, Sr.	50.00
	Miss Cochrane (musical)	500.00
	Alice M. Longfellow and sister . .	1,000.00
	Leopold Morse	50.00
	Samuel Eliot	500.00
	Eliza Ashton, A Bostonian } by Charles P. Curtis	500.00 500.00
	W. E. Bright	200.00
	G. A. Nickerson	200.00
	S. R. Payson	300.00
	George C. Richardson	300.00
	Edward Austin	500.00
	Charles P. Hemenway	250.00
	Nathaniel Thayer	20,000.00
	H. P. Kidder	5,000.00
	J. L. Bremer	1,000.00
	Henry Lee	1,000.00
	Martin Brimmer	300.00
	Miss Anne Wigglesworth	300.00
	Quincy A. Shaw	5,000.00
	F. H. Peabody	500.00
	S. B. Rindge	500.00
	S. D. Warren	2,000.00
	Elisha Atkins	500.00
	H. H. Hunnewell	10,000.00
	Nevins & Co.	500.00
	W. Endicott, Jr.	2,500.00
	Henry Woods	1,000.00
	Carried forward	$75,889.68

	Brought forward	$75,889.68	
1881	Samuel Johnson	500.00	
	R. C. Greenleaf	500.00	
	Henry Endicott	100.00	
1882	Ezra Farnsworth	500.00	
	W. C. Grover	1,000.00	
	Joseph B. Glover	100.00	
	Sundry Donors (through Miss Russell)	450.00	
	Miss Anne Wigglesworth	100.00	
	Frank L. Ames	3,000.00	
	Cornelia Dehon	75.00	
1883	Jerome G. Kidder, bequest	15,000.00	
1884	Samuel W. Swett, bequest	50,000.00	
1885	"Francis," donation	20.00	
1886	George A. Gardner, donation	5,000.00	
	Miss Mary Russell, donation	40.00	
1888	Elizabeth B. I. B. Dixwell, bequest	1,000.00	
1889–1895	Miss Helen C. Bradlee, donation	1,300.00	
1892	Elizabeth B. Bowditch, bequest	5,000.00	
1893	Mrs. Isaac Sweetser, in memory of Dr. Edw. H. Clarke, donation	1,000.00	
1912	Julia M. Moseley, bequest	6,190.47	
		$186,524.15	
	Cost of Building	34,713.02	
	Total Convalescent Hospital Fund		$151,811.13

SAMUEL CABOT FUND FOR PATHOLOGICAL INVESTIGATION.

1888	Donation of Samuel Cabot and Dr. Arthur T. Cabot. Income devoted to salary of Surgical Pathologist	$10,000.00

JOHN CALL DALTON AND EDWARD BARRY DALTON FUND.

1891–1909	A donation from Charles H. and Henry R. Dalton. Income devoted to Investigation in the Science of Medicine	$25,000.00

PATHOLOGICAL LABORATORY AND RANDALL FUNDS.

1895	Fanny G. Villiard	$1,000.00
	Charles U. Cotting	500.00
	Thomas Nelson	200.00
	A. S. Bigelow	500.00
	William S. Bullard	500.00
	Henry C. Weston	500.00
	"A Western Friend" (J. M. Forbes)	5,000.00
	R. H. White	1,000.00
	Wallace L. Pierce	500.00
	Carried forward	$9,700.00

	Brought forward	$9,700.00
1895	Caleb A. Curtis	500.00
	Charles Merriam	500.00
	Elizabeth R. Cabot	200.00
	Elizabeth C. Ware	100.00
	John C. Ropes	100.00
	George G. Kennedy	1,000.00
	J. Morris Meredith	100.00
	William Powell Mason	1,000.00
	W. B. Thomas	500.00
	Mrs. F. L. Ames	5,000.00
	Miss Mary S. Ames	1,000.00
	Thomas Wigglesworth	1,000.00
	H. H. Hunnewell	10,000.00
	John L. Gardner	1,000.00
1896	C. W. Amory	500.00
	Mrs. S. D. Warren	5,000.00
	Augustus Lowell	1,000.00
	Henry Lee	1,000.00
	T. Jefferson Coolidge	1,000.00
	Henry L. Pierce	5,000.00
	Charles Head	1,000.00
	Martin Brimmer	1,000.00
	Dr. Charles G. Weld	5,000.00
	O. H. Alford	500.00
	John A. Burnham	500.00
	Mr. and Mrs. W. Scott Fitz	1,000.00
	Oliver Ames	1,000.00
	D. L. Pickman	200.00
	W. D. Sohier	100.00
	George F. Fabyan	1,000.00
	Miss A. P. Rogers	500.00
	A Friend	400.00
	Mrs. W. D. Pickman	1,000.00
	Frank Simpson	1,000.00
	A. A. Lawrence	500.00
	E. Pierson Beebe	1,000.00
	J. Reed Whipple	500.00
	A. Hemenway	1,000.00
	W. H. Forbes	500.00
	Mrs. Frank Merriam	500.00
	Mrs. William C. Loring	1,000.00
	Estate of Eben D. Jordan	5,000.00
	Nathaniel Thayer	1,000.00
	Mrs. J. N. Fiske	1,000.00
	Through Dr. A. T. Cabot	100.00
	Through Dr. Chas. B. Porter	100.00
	W. Sturgis Bigelow	2,500.00
	Anna S. C. Prince	1,000.00
	Wm. Endicott, Jr.	5,000.00
	Interest on Fund added	1,947.02
1897	Henry M. Whitney	1,000.00
	Children of Samuel Parkman	2,000.00
	Laurence Minot	100.00
	Mrs. Henry S. Grew	500.00
	George Wigglesworth	100.00
	William Minot	100.00
	A. Hemenway	1,000.00
	Miss A. P. Carey	500.00
	Carried forward	$87,347.02

	Brought forward	$87,347.02	
1897	Allen Danforth	100.00	
1912	Mrs. Mary Upham Johnson, a bequest	3,201.32	
	Pathological Fund	$90,648.34	
	Apparatus and Equipment . . .	26,772.93	
		$63,875.41	
1898	John W. and Belinda L. Randall Fund	20,000.00	
			$83,875.41

TRAINING SCHOOL FOR NURSES FUND.

1897	C. P. Curtis, Treasurer, for sundry donors	$18,386.42
	John Foster	5,000.00
1902	Francis Skinner	1,000.00
1904	Francis E. Bangs	2,000.00
	William Amory	25.00
	George A. Gardner	2,000.00
	Mrs. Ernest B. Dane	100.00
	Mrs. Robert W. Emmons	25.00
	Mrs. Larz Anderson	50.00
	Mrs. John L. Bremer	100.00
	Mrs. George F. Fabyan	50.00
	J. Randolph Coolidge	100.00
	H. D. Chapin	10.00
	A Friend	1.00
	Dr. J. F. Burnham	1.00
	Miss Fannie R. Brewer	100.00
	F. L. Higginson	100.00
	Mrs. J. B. Case	100.00
	Miss Georgina Lowell	25.00
	Mrs. E. Preble Motley	50.00
	Arthur A. Carey	25.00
	Mrs. Annie L. Woods	100.00
	Thomas Wigglesworth	500.00
	Miss Isabel Fabyan	50.00
	Charles E. Cotting	50.00
	Mrs. B. P. Cheney	50.00
	T. Jefferson Coolidge	500.00
	Mr. and Mrs. Thornton K. Lothrop .	500.00
	Charles H. Dalton	100.00
	Mrs. A. W. Blake	50.00
	Miss B. F. Blake	50.00
	Forbes Lithograph Co.	10.00
	Mrs. W. Scott Fitz	100.00
	Miss Eliza W. S. Parkman . . .	10.00
	Walter Hunnewell	100.00
	Henry S. Hunnewell	50.00
	Mrs. F. B. Harrington	10.00
	Miss Mary S. Ames	50.00
	W. O. Gay	100.00
	The Misses Minot	25.00
	Miss Sarah F. Bremer	50.00
	Stephen Bullard	50.00
	Samuel W. Rodman	20.00
	Mrs. F. C. Manning	10.00
	Carried forward	$31,783.42

	Brought forward	$31,783.42	
1904	Miss M. L. Blake	10.00	
	Miss Mary Brandegee	50.00	
	Shepherd Brooks	400.00	
	O. H. Alford	100.00	
	Mrs. Alford	15.00	
	Miss Mary Thomas	10.00	
	Miss Sarah C. Paine	25.00	
	Miss Mary W. Eastman	100.00	
	Charles W. Hubbard	25.00	
	Mrs. John C. Phillips	50.00	
	George F. Fabyan	1,000.00	
	Graduate of School	50.00	
	Graduate of School	1.00	
1905	Mrs. Algernon Coolidge	10.00	
	Luce & Manning	25.00	
	Mrs. J. T. Eldredge	5.00	
	Mrs. William C. Otis	100.00	
	Nurses' Alumnæ Association	53.50	
	Miss Mary Lee Ware	500.00	
	Miss Alice Longfellow	5.00	
	John T. Coolidge	100.00	
	Mrs. Theodore Lyman	100.00	
	Mrs. G. Howland Shaw	100.00	
	Clement S. Houghton	25.00	
	Louis S. Dabney	25.00	
	William S. Dexter	200.00	
	Thomas P. Beal	50.00	
	Francis Skinner	300.00	
	Henry Mulliken	500.00	
	Mrs. W. S. Bullard	25.00	
	Mrs. H. S. Grew	25.00	
	Richard H. Weld	25.00	
	Mr. and Mrs. George Putnam	200.00	
	Mr. and Mrs. N. Thayer	2,000.00	
	Mr. and Mrs. Dudley L. Pickman	100.00	
	F. L. Higginson	250.00	
	Mrs. G. G. Hammond	100.00	
	Mr. and Mrs. H. M. Sears	200.00	
	Mrs. Daniel Merriman	50.00	
	Arthur Amory	5.00	
	Mrs. Otis Norcross, Jr.	50.00	
	Alexander Cochrane	100.00	
	Mrs. S. Parkman Blake	100.00	
	Grant Walker	100.00	
	Mrs. J. J. Storrow	10.00	
	Mrs. H. H. Fay	25.00	
	Miss M. B. Lothrop	50.00	
	Francis W. Hunnewell	100.00	
	Nathaniel T. Kidder	500.00	
1906	Mrs. Anna D. Blake	50.00	
	William P. Blake	50.00	
	E. Pierson Beebe	50.00	
	Miss Emma Rodman	25.00	
1907	Mrs. R. G. Shaw	50.00	
1909	Mrs. A. Coolidge	10.00	
1912	Henry A. Wyman	5.00	
1913	Miss Harriet W. Barnes	50.00	
			$40,022.92

ART ROOM FUND.

1904	Mrs. Samuel Eliot	$500.00	
	Sundry Donors and interest added	518.35	
			$1,018.35

ORTHOPEDIC WARD FUND.

1906–1907	Nathaniel Thayer	$5,000.00	
	Bayard Thayer	5,000.00	
	Mrs. Lester Leland	5,000.00	
	John and W. S. Spaulding and Mrs. H. F. King	5,000.00	
	Mrs. W. G. Weld	5,000.00	
	Mr. and Mrs. H. M. Sears	5,000.00	
	Mrs. B. P. Cheney	5,000.00	
	Augustus Hemenway	3,000.00	
	J. L. Bremer	2,448.64	
	E. V. R. Thayer	2,500.00	
	H. E. Converse	2,500.00	
	Miss Mary Ames	2,000.00	
	Mrs. Edward D. Brandegee	1,500.00	
	Nelson Curtis	1,500.00	
	Max Agassiz	1,000.00	
	G. L. Peabody	1,000.00	
	F. Gordon Dexter	1,000.00	
	C. W. Amory	1,000.00	
	William Endicott, Jr.	1,000.00	
	P. L. Saltonstall	1,000.00	
	Samuel Dana	1,000.00	
	Mrs. J. H. Wright	1,000.00	
	Lyman Nichols	1,000.00	
	Francis Blake	2,000.00	
	Miss Elizabeth Cheney	1,000.00	
	Mrs. Roger Wolcott, Sr.	1,000.00	
	John Parkinson	500.00	
	Mrs. Peter C. Brooks	250.00	
	John Saltonstall	250.00	
	John A. Burnham	100.00	
	F. P. Sprague	100.00	
	W. O. Gay	100.00	
	Wallace L. Pierce	300.00	
		$65,048.64	
	Building and Equipment	38,577.72	
			$26,470.92

CLINICAL LABORATORY FUND.

1908	Bequest of Mrs. Grace M. Kuhn	$10,000.00

SUSAN SMITH FUND (ANNUITY).

1912	Bequest of Susan Smith	$13,703.98

NURSES' HOME FUND — McLEAN HOSPITAL.

1913	Donation of Miss Elizabeth L. Grant	$1,000.00	
1914	A Friend	40,000.00	
	Sundry Donors (through Mrs. E. Stanley Abbot)	13,679.70	
	Donation of Miss Sara E. Parsons	5.00	
1915	Donation of Miss Louise W. Case	100.00	
	Donation of Sundry Donors (through Mrs. E. Stanley Abbot):		
	Anonymous	16.00	
	Edward B. Field	15.00	
	Mrs. A. H. Hews	25.00	
	Mrs. Charlotte Nichols Greene	10.00	
	Mrs. Isabel B. Richardson	10.00	
1916	A Friend	2,500.00	
	Mrs. Florence N. Putnam	100.00	
1917	Accumulated Income	9,586.93	
		67,047.63	
	Expended on Plans, etc.	2,881.61	
			$64,166.02

SARAH PROCTOR JOSLIN FUND.

1913	Bequest of Sarah Proctor Joslin		$1,000.00

CHILDREN'S MEDICAL WARD BUILDING FUND.

1913	Donation of G. S. Talbot	$250.00	
1917	Accumulated Income	60.44	
			$310.44

HOUSE OFFICERS' ALUMNI FUND.

1915–1917	Donation of House Officers' Alumni	$792.00	
	Accumulated Income	38.23	
		$830.23	
	Expenses	748.00	
			$82.23

TRAINING SCHOOL FOR NURSES ENDOWMENT FUND.

1915	Graduate of School	$200.00
	Miss Louise C. May	80.00
	Miss Susan L. Mills	5.00
	Miss Louie W. Wellington	25.00
	Miss Sara E. Parsons	200.00
	Dr. Benjamin Brown	10.00
	Graduate of School	1.00
	Miss R. Helen Cleland	200.00
	A Graduate of 1880	50.00
	Miss Annabelle McCrae	110.00
	Miss Jane F. Riley	100.00
	Miss Grace Nichols	10.00
	Mrs. John Bartol	15.00
	Carried forward	$1,006.00

	Brought forward	$1,006.00
1915	Miss E. W. Allen	2.00
	Miss Mary F. Emery	12.00
	Miss Alice C. S. Cushman	5.00
	Miss Grace Stackpole	15.00
	Miss Helen B. Fenton	10.00
	Miss Grace Nichols	100.00
	Miss Frances C. Dailey	7.50
	Mrs. William S. Ely	1,000.00
	Mrs. Samuel Cabot	100.00
	Miss Fannie R. Slayton	20.00
	Miss Helen G. O'Dea	2.00
	Miss Helen T. Niverson	10.00
	Miss V. C. Hall	4.00
	Miss Helen Wood	40.00
	Miss Harriet J. Allyn	25.00
	Mrs. Helen A. Wayland Hudson	10.00
	Miss Agnes J. Trull	10.00
	Miss Alice M. Watson	10.00
	Mrs. and Miss Alford	200.00
	Mrs. Jessie E. Grant	10.00
	Miss Eileen R. Curley	5.00
	Miss Charlotte M. Perry	60.00
	Miss Olga Olson	5.00
	Miss Josephine Mulville	10.00
	Miss Ruth C. Blair	5.00
	Miss Helen M. Finlay	1.00
	Miss Hannah Ward	10.00
	Miss Mary L. Keith	100.00
	Miss Jessie L. Brown	25.00
	Miss Harriet L. P. Friend	100.00
1916	Mrs. Isaac Phillips, in memory of Ethel May Fixter	10.00
	Miss Rose K. Butler	10.00
	Miss Mary E. Higson	10.00
	Miss Melissa J. Cook	5.00
	Miss Christina J. McDonald	2.00
	Miss Anna G. Griffin	5.00
	Mrs. Oscar Feuerstein	10.00
	Miss Esther Dart	50.00
	Miss Hannah J. Brierley	10.00
	Miss Alice Scott	25.00
	Mrs. Frederick A. Driscol	10.00
	Miss Maria Brown	5.00
	Mrs. Daniel Coakley	102.00
	Mrs. Webster H. Carney	5.00
	Miss Adele Richardson	10.00
	Miss Elizabeth P. Hamlen	10.00
	Mrs. John R. MacKinnon	5.00
	Miss Mary O. Clark	20.00
1917	Mrs. Marie A. Sirois	25.00
	Miss Mary R. Wiggin	25.00
	Miss Helen Redfern	10.00
	Mrs. Justin Starkie	5.00
	Miss Burtella L. Tompkins	5.00
	Miss Ella M. Tompkins	10.00
	Miss Blanche M. Craven	10.00
	Miss Mae G. Rodger	10.00
	Miss Alice O. Tippett	10.00
	Carried forward	$3,333.50

	Brought forward	$3,333.50	
1917	A Friend, in name of Margaret Russell	100.00	
	A Friend, in memory of Mary Kelley Johanesson	100.00	
	Miss Edith Hinchcliffe	12.00	
	Miss Mary E. McElligot	10.00	
	Dr. E. Lawrence Oliver	10.00	
	Miss Eunice A. Smith	25.00	
	Miss Myra A. Whitney	5.00	
	Miss Carrie M. Hall	50.00	
	Mrs. Amelia S. Crane	102.00	
	Miss Frances P. West	45.00	
	Miss Edith F. Moulton	10.00	
	Miss Laura E. Currier	12.00	
	Mrs. Henry D. Evans	5.00	
	Mrs. George H. Rogers	10.00	
	Miss Hilda George	100.00	
	Miss Annie H. Smith	5.00	
	Mrs. Daniel Coakley	102.00	
	Miss Winifred H. Brooks	25.00	
	Accumulated Income	228.29	
			$4,289.79

DR. WALTER J. DODD MEMORIAL FUND.

1916	Mrs. Walter J. Dodd, in memory of		
1917	A Friend	1,000.00	
	A Friend	$1,000.00	
	A Friend	2.00	
	Dr. and Mrs. F. A. Washburn	100.00	
	G. N. Talbot	100.00	
	Dr. Vincent Y. Bowditch	5.00	
	Dr. James B. Ayer	10.00	
	Dr. Henry M. Chase	5.00	
	Dr. John W. Cummin	15.00	
	Dr. J. Collins Warren	50.00	
	Dr. H. K. Boutwell	5.00	
	Dr. Herman F. Vickery	10.00	
	Dr. Mabel D. Ordway	10.00	
	Dr. Charles J. White	15.00	
	Dr. W. E. Paul	25.00	
	Dr. E. A. Codman	25.00	
	Mrs. Marion J. Means	25.00	
	Dr. J. Payson Clark	25.00	
	Dr. L. L. Bigelow	5.00	
	Dr. James J. Putnam	25.00	
	Dr. F. B. Lund	100.00	
	Dr. Richard C. Cabot	100.00	
	Dr. E. W. Emerson	5.00	
	Dr. George H. Wright	50.00	
	Dr. E. P. Bagg, Jr.	5.00	
	Dr. Robert B. Osgood	10.00	
	Dr. Joseph L. Goodale	3.00	
	Dr. George M. Sheahan	5.00	
	Dr. Wilder Tileston	10.00	
	Dr. Henry Lee Morse	25.00	
	Carried forward	$1,870.00	

	Brought forward	$1,870.00	
1917	Lieut.-Col. H. H. Shaw	5.00	
	Dr. Henry L. Sanford	10.00	
	Dr. Elisha Flagg	25.00	
	Dr. F. H. Davenport	25.00	
	Dr. F. Van Nuys	2.00	
	Dr. Robert M. Green	5.00	
	Drs. E. P. and E. D. Joslin	10.00	
	Dr. R. M. Smith	10.00	
	Dr. Adelbert S. Merrill	5.00	
	Dr. Richard Dexter	15.00	
	Dr. Elliott C. Cutler	10.00	
	Dr. George H. Monks	10.00	
	George Wigglesworth	1,000.00	
	Dr. George S. Derby	15.00	
	Dr. John W. Elliot	100.00	
	Mrs. Lewis Agassiz Shaw	4.00	
	Dr. Walter C. Seelye	5.00	
	Dr. Frederick W. Taylor	5.00	
	Dr. Herbert C. Moffitt	100.00	
	Dr. W. F. Whitney	5.00	
	Dr. Hyman Morrison	5.00	
	Dr. Seabury W. Allen	10.00	
	Dr. A. A. Davis	10.00	
	Dr. Walter I. Baldwin	10.00	
	Dr. George K. Sabine	5.00	
	Dr. Theodore J. Eastman	10.00	
	Dr. Henry S. Forbes	10.00	
	Dr. Joseph B. Howland	10.00	
	Dr. James J. Minot	50.00	
	Dr. Marshal Fabyan	100.00	
	Dr. Herbert B. Howard	25.00	
	Dr. Franklin G. Balch	100.00	
	Dr. Horace Binney	10.00	
	Dr. Frances W. Peabody	10.00	
	Dr. Chauncey W. Norton	25.00	
	Dr. William H. Buffum	5.00	
	Dr. James L. Gamble	20.00	
	Dr. Edward L. Young, Jr.	5.00	
	Dr. Augustus Thorndike	250.00	
	Dr. Charles G. Mixter	5.00	
	Dr. Herbert J. Hall	10.00	
	Dr. Lloyd T. Brown	10.00	
	Dr. Charles N. Meader	10.00	
	Dr. W. P. Graves	5.00	
	Dr. Charles S. Butler	25.00	
	Dr. Russell T. Congdon	5.00	
	Dr. Charles Edwin Briggs	25.00	
	Dr. Harvey P. Towle	10.00	
	Dr. John B. Hawes, 2d	10.00	
	Mrs. Mabell Burleigh Chase	35.00	
	Dr. William Jason Mixter	25.00	
	Dr. H. P. Greeley	5.00	
			$4,086.00

INCOME DEVOTED TO BOOKS FOR PATIENTS.

1841	Warren Library Fund, a donation from Dr. J. C. Warren	$1,000.00

INCOME DEVOTED TO THE LIBRARY.

1857	Treadwell Library Fund, part of a bequest of J. G. Treadwell . . .	$5,000.00	
1913	Donation of Richard Olney . . .	100.00	
1914	Donation of Dr. Daniel Fiske Jones .	5.00	
	Donation of Dr. John M. T. Finney	200.00	
1917	Donation of Dr. John W. Elliot . .	1,000.00	
			$6,305.00

INCOME AND PRINCIPAL DEVOTED TO THE PUBLICATION OF A HISTORY OF THE HOSPITAL.

1861	Bowditch History Fund, a bequest from N. I. Bowditch	$2,000.00

WOODEN LEG FUND.

1861	Donation — P. K.	$100.00	
	Bequest of N. I. Bowditch	5,000.00	
	George A. Newell Fund	2,500.00	
			$7,600.00

INCOME DEVOTED TO A TRIENNIAL PRIZE.

1868	Warren Prize Fund, a bequest from Dr. J. M. Warren	$1,880.00	
	Accumulated interest	3,305.84	
			$5,185.84

INCOME DEVOTED TO SPECIAL SURGICAL INSTRUMENTS.

1870	Donation of Dr. Henry J. Bigelow .	$1,250.00	
1881	Donation of R. M. Moore	100.00	
1889	Donation of Lydia B. and O. A. Taft .	100.00	
	Donation of Chas. S. Bixby . . .	25.00	
1902	Arthur Appleton Beebe Fund . . .	5,000.00	
			$6,475.00

INCOME DEVOTED TO MUSIC AT HOSPITAL.

1894	George C. and Anne H. Shattuck Fund, donation of Dr. Frederick C. Shattuck	$2,000.00

NEW ENDOWMENT FUND.

1917	Donation of George R. Agassiz . .	$500.00	
	Donation of Miss Sarah H. Blanchard	500.00	
			$1,000.00

SOCIAL SERVICE FUND.

1916	Donation of Mrs. Shepherd Brooks	$15,000.00	
	Bequest of Susan C. Dove	5,000.00	
1917	Donation of Susan P. Atkinson	100.00	
			$20,100.00

DONATIONS AND BEQUESTS FOR SPECIAL PURPOSES.

1857	J. G. Treadwell:		
	Books, valued at		$3,000.00
1870–1875	H. J. Bigelow:		
	Instruments, valued at		3,600.00
1875	Dr. Putnam		21.50
	Dr. John Collins Warren:		
	Galvanic apparatus		25.00
1876	Dr. Samuel Cabot:		
	Benefit indigent at Asylum		1,000.00
1877	Executors Augustus Hemenway:		
	For Nurses' Training School		5,000.00
1878	Frederick Dexter:		
	For purchase of pictures		50.00
1887	Waldo March:		
	For photographic apparatus		100.00
1888–1894	Dr. A. T. Cabot:		
	To make up deficiency on income Samuel Cabot Fund		1,335.00
1890	George L. Kingsley:		
	For photographic studio		802.82
1895	Miss Helen C. Bradlee:		
	Repairs and alterations to Bradlee Ward		7,000.00
1897	By the "Staff," through Dr. A. T. Cabot:		
	To make up deficiency in income of Pathological Fund		1,070.60
	Charles B. Porter:		
	Interest accrued on bequests		370.00
1899	Francis Blake:		
	Microtome for Pathological Laboratory		266.30
	"A Patient":		
	For Treadwell Library		200.00
1900	Dr. A. T. Cabot:		
	Open Ball Court		1,000.00
1901	Mrs. Mary Hemenway:		
	Zander apparatus		5,000.00
1902–1904	C. H. Dalton:		
	Added to income of Dalton Fund		1,000.00
1903	Mrs. T. W. Bennett:		
	For Treadwell Library		100.00
1911–1914	Late Result Fund:		
	Anonymous	$1,500.00	
1912	F. W. Hunnewell	500.00	
1914	Frederic Winthrop	500.00	
			2,500.00
	Carried forward		$33,441.22

	Brought forward	$33,441.22
1910–1917	Lovering Fund:	
	Miss Sarah C. M. Lovering . . .	13,149.81
1912–1917	Mrs. Caroline L. Weld:	
	For surgical instruments . . .	12,002.38
1912	Dr. Hugh Cabot:	
	For surgical instruments . . .	100.00
	Dr. Fritz B. Talbot:	
	For expense visiting Children's Hospitals	75.00
	Dr. G. Cheever Shattuck:	
	For X-ray work	250.00
	A Friend:	
	For X-ray work	100.00
1913	Staff of Orthopedic Department:	
	For expenses of that department .	125.00
	Mrs. Charles G. Weld:	
	For an awning on the Weld Ward G veranda	70.00
	Mrs. W. F. Waters:	
	For a special instrument in Ward G	25.00
1913–1916	Dr. Putnam and Mr. Storey, Trustees of the A. W. Blake Fund, to be applied to the salary of Dr. Emerson, Psychologist	1,700.00
1913–1914	Mrs. Charles E. Mason:	
	Scholarship, Training School for Nurses', General Hospital . .	200.00
1913–1917	Dr. Hugh Cabot:	
	To be applied toward the salary of the House Surgeon to the Genito-Urinary Department	2,000.00
1913–1916	George Wigglesworth:	
	X-Ray Apparatus	2,800.00
1914	Mrs. John Parkinson:	
	Towards salaries of the Children's Medical Department	40.00
1914–1917	A Friend:	
	For certain special uses of the Dermatological Department . . .	3,300.00
	Miss Marion H. Fenno:	
	Towards the expense of a tennis court for nurses	10.00
1915–1917	Donation of Mrs. Nathaniel Thayer:	
	For Two Scholarships, General Hospital Training School for Nurses .	100.00
1915–1916	Donation of George Wigglesworth:	
	For a Babies' Milk Fund $1,000.00	
	Donation of Anonymous:	
	For a Babies' Milk Fund . 37.11	
		1,037.11
1915–1917	Donation of a Friend:	
	To extend help to worthy patients as their needs may become known through their attendance at the Hospital	1,500.00
	Carried forward	$72,025.52

	Brought forward		$72,025.52
1915	Donation of Friends of the Hospital through Mrs. Hugh Cabot for refitting part of the Genito-Urinary Out-Patient rooms		167.00
	Donation of Training School for Nurses, Proceeds of a May Party given for furniture for the roof garden		74.82
	Donation of Anonymous, to pay expenses of X-raying a series of cases in the Out-Patient Department . .		30.00
	Donation of Junior Girls of Camp Abena—a summer camp in Maine—for books for the Patients' Library		6.46
	Donation of Edith L. Coolidge, for social service work, in memory of the late Amory A. Lawrence . .		75.00
1915–1917	Donation of the Board of Visiting Ladies toward the salary of a social worker in the house		1,980.00
1916	General Hospital Training School Alumnæ:		
	For a scholarship		100.00
	A Friend:		
	For the X-Ray Department . .		150.00
	Mrs. Malcolm Donald:		
	For special technical apparatus .		1,000.00
	W. F. Watters:		
	Salary of stenographer, etc., in the Dermatological Department . .		1,400.00
	United Fruit Company:		
	For Department of Tropical Medicine .		2,500.00
	Moses Williams:		
	For Social Worker		25.00
	Mrs. Charles H. Dalton:		
	For Social Worker		20.00
	Dr. Fritz B. Talbot:		
	Toward the changes in the Children's Medical Out-Patient Department		150.00
1916–1917	Dr. Richard Cabot:		
	For the Warren Library		100.00
1916	Mrs. Charles E. Mason:		
	Toward the changes in the Children's Medical Out-Patient Department		350.00
	Patrick Donovan:		
	For the Warren Library		2.79
	Friends of the Hospital (through Miss Ella L. Lyman):		
	For half salary for one year of a special worker in the Children's Medical Ward — who is to be clinic secretary and do follow-up work:		
	Mrs. Ralph B. Williams .	$10.00	
	Mrs. Henry Lyman . .	25.00	
	Mrs. S. D. Warren, Jr. .	10.00	
	Mrs. Waldo E. Forbes . .	25.00	
	Carried forward . . .	$70.00	$80,156.59

	Brought forward	$70.00	$80,156.59
1916	A Friend	20.00	
	Mrs. Ellery Sedgwick . .	25.00	
	Mrs. John S. Lawrence .	25.00	
	Mrs. Gorham Brooks . .	25.00	
	Mrs. Thomas Barlow . .	20.00	
			$185.00
	Mrs. Caroline L. Weld:		
	For instruments for the Out-Patient Throat Department . .	$250.00	
	A Friend:		
	To be added to this Fund . .	500.00	
			$750.00
	Sundry Donors:		
	For Infantile Paralysis Research Fund:		
	W. Murray Crane . .	$500.00	
	Alvah Crocker . . .	500.00	
	William Endicott . .	500.00	
	Albert Strauss . . .	500.00	
	Frank G. Webster . .	250.00	
	Charles Jackson . . .	200.00	
	Arthur Perry	100.00	
	Wallace L. Pierce . .	100.00	
	Robert L. Studley . .	50.00	
	James H. Proctor . .	100.00	
	George R. Wallace . .	250.00	
	James J. Storrow . .	500.00	
	Allan C. Emery . . .	50.00	
	J. P. Morgan	500.00	
1917	Infantile Paralysis Commision	450.00	
	Isaac Sprague	25.00	
			$4,575.00
	Sundry Donors:		
	For Babies' Milk Fund:		
	Dr. W. B. Robbins . .	$5.00	
	Miss Emma Hutchins .	5.00	
	Mrs. Neal Rantoul . .	50.00	
	Mrs. Ralph B. Williams .	5.00	
	Mrs. J. C. D. Bradley .	20.00	
	Mrs. Edward Wigglesworth	25.00	
	Mrs. W. S. Spaulding .	25.00	
	Mrs. F. A. Winthrop .	25.00	
	Mrs. W. B. Emmons . .	5.00	
	Mrs. Gorham Brooks .	50.00	
	Mrs. Alvan T. Fuller . .	125.00	
	Mrs. Winthrop Coffin .	5.00	
	Mrs. Freeman Allen . .	5.00	
	Mrs. Allan Forbes . .	10.00	
	Roger B. Merriman . .	25.00	
	Mrs. Roger B. Merriman	25.00	
	Anonymous	1.00	
	Miss Alice A. Thrope .	33.00	
			$429.18
	Miss Alice Farnsworth:		
	For Social Service Work . . .		25.00
	Chase & Sanborn:		
	For Social Service Work . . .		25.00
	Carried forward		$86,145.77

	Brought forward	$86,145.77	
1917	Charles Philip Beebe:		
	For X-Ray Equipment	1,000.00	
	Miss Myra T. Styles:		
	For the Out-Patient Department .	10.00	
	Mrs. Nathaniel Thayer:		
	For a course of Occupational Therapy	100.00	
	Sundry Donors:		
	For the salary of a clerk in the Treadwell Library to typewrite certain parts of the Surgical Records		
	Dr. G. W. W. Brewster . 50.00		
	Dr. Charles Allen Porter 50.00		
	Dr. Beth Vincent . . 30.00		
	Dr. Lincoln Davis . . 30.00		
	Dr. Hugh Williams . . 50.00		
	Dr. Daniel Fiske Jones . 50.00		
	Dr. Franklin G. Balch . 50.00		
	Dr. Charles L. Scudder . 50.00		
	Dr. Richard C. Cabot . 64.00		
	Dr. R. B. Greenough . 20.00		
		$444.00	
	For the Children's Medical Ward, in memory of Mary R. Hudson .	10.00	
	The Permanent Charity Fund for Social Service in the House .	400.00	
			$88,109.77
	Expended 1857–1917		$78,642.49
	Unexpended:		
	Toward salary of the Social Work in the Wards	$142.73	
	Salary of stenographer in Dermatological Department	296.57	
	Nurses' Training School Scholarship	50.00	
	Special Technical Laboratory Apparatus	1,000.00	
	Warren Library	39.25	
	Special uses Dermatological Department	650.61	
	Instruments Out-Patient Throat Department	20.12	
	Social Service Work	50.00	
	Babies' Milk Fund	299.36	
	Infantile Paralysis Fund . . .	2,971.64	
	Tropical Medicine	2,500.00	
	Treadwell Library	42.00	
	X-Ray Equipment	1,000.00	
	Children's Medical Ward . . .	10.00	
	House Social Service	120.00	
	Salary of Assistant Infantile Paralysis Clinic	275.00	
			$9,467.28

C. H. W. FOSTER,
Treasurer.

EXAMINATION OF ACCOUNTS

BOSTON, February 11, 1918.

Moses Williams, Esq.
Joseph H. O'Neil, Esq.
William Endicott, Esq.
George Wigglesworth, Esq.
} *Committee on Finance*

Massachusetts General Hospital, Boston, Mass.

GENTLEMEN, — In accordance with your instructions, we have made an examination of the books and records of the Massachusetts General Hospital comprising the records of the General Hospital, McLean Hospital, and of the Treasurer for the year ending December 31, 1917, for the purpose of verifying the cash transactions and of reporting upon the financial condition at December 31, 1917.

WE HEREBY CERTIFY:

1. That all funds shown to have been received have been accounted for, and that we have found vouchers or other satisfactory evidence of payment for all disbursements.

2. That the balance of cash on hand December 31, 1917, as shown by the books of the Hospital and of the Treasurer, amounting to $106,903.70 was on hand at that date.

3. That Stocks (par value $307,130.00), amounting to $300,805.55 and Annuities Receivable, consisting of three policies amounting to $160,000.00, as shown by the books, are either certified by the New England Trust Company as being in their custody on December 31, 1917, or were otherwise accounted for by us.

4. That Notes Receivable amounting to $69,981.84 were in the custody of the Treasurer on December 31, 1917.

Respectfully submitted,

PATTERSON, TEELE & DENNIS,
Accountants and Auditors.

ANNUAL REPORT OF THE ADMINISTRATOR OF THE MASSACHUSETTS GENERAL HOSPITAL AND RESIDENT PHYSICIAN OF THE GENERAL HOSPITAL.

To the Trustees of the Massachusetts General Hospital:

Gentlemen: — In the absence of Dr. Washburn serving as Director of our Base Hospital Unit, I submit herewith the report of the Administrator for the year 1917.

The past year has been an eventful one with the many changes which our entrance into the War has made necessary. A considerable number of our visiting staff and nurses have left for military work, consequently it has been necessary to make many temporary appointments to fill vacancies. On page 15 will be found the names of the members of the staff who have accepted commissions in the Army and Navy.

Our thanks are due to Doctors Frederick C. Shattuck, Samuel J. Mixter, and Herman F. Vickery, who had retired from active ward work, for so willingly taking up routine hospital practice again during temporary absences of members of the visiting staff. The regular members of the staff and those who have accepted temporary appointments have been untiring in their labors through the year.

The term of service of surgical internes has been temporarily shortened from twenty-one months to fourteen months, and of medical internes from eighteen months to twelve months, to conform to the requirements of the War Department for hospital trained physicians for military service as soon after graduation as practicable.

On account of war conditions, we have during the year temporarily closed the following departments:

March 31, the Convalescent Hospital; April, the Cement Shop; June 8, the Industrial Clinic; July 1, the Hydrotherapeutic Room; August 11, the Psychiatric Clinic; September 10, the Medico-Mechanical Room; September 28, the Consultation Clinic.

GENERAL HOSPITAL, BOSTON

This has been the first full year that we have occupied the Moseley Memorial Building. We appreciate more and more how much it was needed and how fully it has met our expectations. The work in the Emergency Ward has been very much increased since it moved to its present quarters. In it we have a male and a female ward of eight and nine beds, respectively. Ten of these beds have been set aside for tonsillectomy operations.

In October we were asked by the Commandant of the Naval Hospital in Chelsea to accept patients from the enlisted force of the Navy and Marine Corps until such time as their hospital enlargements could be completed. The Zander Room, which was formerly the Bigelow Operating Theatre, was converted into a ward of fifty beds. This has been practically full since it opened. On December 31, one of our regular surgical wards was also assigned to the same use and we are planning to place in the old Treadwell Library fourteen more beds to be used for this purpose.

The formal Ether Day exercises were omitted this year, but the day was not allowed to pass without observance, and Dr. J. Collins Warren gave an informal address on " The Discovery of Anaesthesia " to the house pupils and members of the Training School.

The Warren Triennial Prize for 1916 was awarded early this year. Six essays were offered. The prize was awarded to Dr. D. Noël Paton, of Glasgow, Scotland, whose dissertation was entitled "The Parathyroids."

The old Gate Lodge on Blossom Street has been most satisfactorily remodelled into a diet laboratory, giving ample classroom and working space for sixteen pupils at a time.

In the East Wing of the Bulfinch Building the five rooms formerly used as administrative offices have been converted into medical research laboratories. Although much of the work planned for this year has been curtailed by war conditions, a very considerable amount of investigative and routine work has been accomplished.

A cafeteria for women employees has been opened under the lower out-patient amphitheatre. It has been most satisfactory, both as to service and in saving of food. The old dining-room for women has been added to the nurses' dining-room by removing a partition, and cafeteria service for the nurses instituted for breakfast and luncheon. It has demonstrated an economy of food, a reduction of cost of service, and is well liked by nurses and officers.

The following comparative tables are of interest:

	Expenses.		Receipts.	
	1916.	1917.	1916.	1917.
General Hospital . .	$459,982.33	$503,719.18	$148,230.25	$183,763.43
Out-Patient Department	103,233.15	110,543.67	88,256.24	99,872.13
Consultation Clinic .	7,657.05	6,794.01	7,663.85	6,922.00
Convalescent Hospital	15,942.26	4,280.95	5,492.31	2,005.01
McLean Hospital . .	451,346.81	441,480.37	378,086.32	422,174.60

	No. Patients Admitted to Wards.	Total Patients' Days Treatment.	Average Stay in Hospital.	No. Operations House Cases.
1908 . .	5,362	106,034	20 — days	3,634
1909 . .	5,871	105,295	18 — "	3,841
1910 . .	6,092	105,617	17 + "	4,016
1911 . .	6,495	107,671	17 — "	3,948
1912 . .	6,629	107,797	16 — "	4,063
1913 . .	6,251	111,364	18 + "	3,887
1914 . .	6,413	116,164	18 + "	3,993
1915 . .	6,503	113,941	18 — "	4,046
1916 . .	6,507	111,875	17 + "	4,094
*1917 . .	6,699	112,636	17 — "	4,191

* Patients admitted to Private Ward opened this year not included in tables.

	Average Daily Cost per House Patient.	Daily Cost per Capita for Provisions for all Persons Supported.
1911	$2.65 +	$0.28 —
1912	3.00 +	0.31 +
1913	3.01 +	0.33 +
1914	3.09 +	0.34 +
1915	3.31 +	0.32 +
1916	4.05 +	0.37 +
1917	4.36 +	0.41 +

	Number Ambulance Trips.	Number of Miles.	Average Trips per Day.
1908	1,747	....	5 —
1909	1,539	5,442	4 +
1910	1,639	5,615	4 +
1911	1,513	4,452	4 +
1912	1,477	4,870	4 +
1913	1,576	4,796	4 +
1914	1,378	4,888	3 +
1915	1,502	4,182	4 +
1916	1,413	5,032	4 —
1917	1,358	6,100	4 —

	Number of Patients Treated in Emergency Ward.	Average Daily Cost per Patient.	Cost of Maintenance of Emergency Ward.	Total Receipts.
1908	5,313	$0.78 —	$4,141.03	$518.23
1909	5,314	0.83 —	4,389.78	488.88
1910	5,590	0.82 —	4,555.97	571.80
1911	6,029	0.72 —	4,331.75	618.80
1912	5,501	0.78 +	4,343.15	770.17
1913	5,424	0.86 +	4,665.50	1,560.07
1914	5,278	0.96 +	5,090.52	1,867.38
1915	4,815	1.03 +	5,006.69	2,297.97
1916	5,123	1.21 +	6,210.98	2,911.60
1917	6,045	2.05 —	12,380.79	4,247.25

	Number of X-Ray Cases Out-Patient Department.	Number of X-Ray Cases in House.
1908	2,902	1,353
1909	3,323	1,441
1910	3,414	1,363
1911	4,138	1,643
1912	4,587	1,987
1913	6,286	4,015
1914	7,951	5,985
1915	7,618	4,597
1916	10,616	4,986
1917	10,161	4,125

OUT-PATIENT DEPARTMENT

The War has deprived this department of twenty-eight members of its staff. In addition, several others

for the same reason have been transferred for duty in the house. So far, we have been able, through temporary appointments, to fill vacancies and continue the work of this important part of the hospital without lowering our high standards. Although during the latter part of the year the size of the clinics had been considerably reduced, the total amount of work accomplished during the last twelve months shows an increase compared with previous years. This may be seen in the following comparative table:

	New Cases.	Total Number of Visits.	Total Number Prescriptions Filled.
1904	25,082	106,174	53,321
1905	21,874	110,631	49,793
1906	20,010	99,251	43,063
1907	20,358	107,063	43,764
1908	20,729	116,008	46,390
1909	21,518	121,327	48,250
1910	22,302	124,584	48,676
1911	22,232	135,809	49,858
1912	22,639	136,095	48,270
1913	24,887	147,428	51,798
1914	24,957	158,090	62,112
1915	29,213	190,628	73,914
1916	31,061	201,375	79,736
1917	31,104	205,524	78,820

During the year 1917 there were 3,121 operations under an anesthetic in the Out-Patient Department, of which number 673 were performed under a local and 2,448 under a general anesthesia.

The following is a comparative financial table

	Cost of Maintenance Out-Patient Department.	Average Daily Cost per Patient.	Total Receipts.
1908	$50,902.61	$0.44 —	$39,955.80
1909	54,739.32	0.45 +	42,636.05
1910	56,383.06	0.45 +	44,296.92
1911	62,476.04	0.46 +	46,643.45
1912	62,704.66	0.46 +	47,607.00
1913	70,077.00	0.47 +	53,453.20
1914	74,710.04	0.47 +	58,668.95
1915	84,451.96	0.44 +	73,521.99
1916	103,233.15	0.51 +	88,256.24
1917	110,543.67	0.54 +	99,872.13

ROENTGENOLOGICAL DEPARTMENT

Early in the year the X-Ray Department was enlarged by the addition of three rooms in the old Gay Ward Building. The construction of a lead-lined room for treatment work was particularly needed.

The work of the department has been extended to cover a complete additional plant, with the exception of apparatus for treatment work, in the Private Ward.

Attention is invited to the detailed report of this department which is appended.

NURSING DEPARTMENT

Miss Sara E. Parsons, Superintendent of the Training School for Nurses, is absent serving as Chief Nurse of our Base Hospital Unit. The successful continuance of the Training School work reflects great credit on the Acting Superintendent of Nurses, Miss Helen Wood.

In addition to the regular work of the Training School, the amount of which is shown in the accompanying table, we have during the year admitted to our wards for ten days' practice work seventy-four Red Cross Nurses' Aids:

	Average No. of Graduates.	Average No. of Pupils.	Average No. of Probs.	Average Total.	Total Probs. During Year.	Probs. and Nurses Who Left During Year.
1911	31	140	12	183	90	53 P. 16 N. — 69
1912	29	158	15	202	100	51 P. 7 N. — 58
1913	29	167	28	224	97	30 P. 8 N. — 38
1914	28	181	24	233	92	30 P. 10 N. — 40

	Average No. of Graduates.	Average No. of Pupils.	Average No. of Probs.	Average Total.	Total Probs. During Year.	Probs. and Nurses Who Left During Year.
1915	29	179	33	241	90	24 P. 6 N. — 30
1916	30	210	27	267	106	19 P. 4 N. — 23
1917	30	232	21	283	88	15 P. 13 N. — 28

A list of the graduate nurses who left the hospital employ during the year to enter the War will be found in the report of the Superintendent of Nurses.

Attention is invited to the report of the Advisory Committee on the General Hospital Training School.

TREADWELL LIBRARY

In this department as in others it has been necessary to economize. Much of the detail work on records has been temporarily omitted and with much regret. Two of the large statistical tables are omitted from the report this year. One, a table of "Diseases Occurring in the House and Out-Patient Department," while not printed, has been continued and is filed for reference in the Library. The other, a table of "Surgical Operations," is given in another form in Table B.

WARREN LIBRARY

The work of this department has continued satisfactorily. One thousand four hundred and forty-eight more books were circulated than during the previous year. A small reading-room, the former office of the Superintendent of Nurses, has been added to the Library for the convenience of hospital employees.

Statistics of the Warren Library will be found in the report of the Ladies' Visiting Committee, which is appended.

SOCIAL SERVICE

In March, the quarters of the House Social Service Department were transferred to two rooms formerly a part of the Accident Ward. In addition, a third room was set apart for the office of the Chief of Hospital Social Service. This increase of space in a more central location has contributed to the efficiency of the department and to the convenience of all.

It was feared that the number of workers in the House Social Service Department would have to be reduced, but through the generosity of a member of the Ladies' Visiting Committee and the Trustees of the Permanent Charity Fund, funds have been given to enable the department to continue work with its full staff.

The reports of Miss Ida M. Cannon, Chief of Hospital Social Service, will be found appended.

PRIVATE WARD

On May 17, the Private Ward was opened. There has been much comment on the name "private ward" as one which inadequately expresses the size and importance of this addition to the hospital. It is in reality a complete private hospital, having a separate entrance at 265 Charles Street. It has its own kitchen, dining-rooms, business offices, apothecary shop, X-ray department, and operating-rooms. This building offers to its occupants a safe residence in fire-proof quarters, and what was most needed, has made possible for their use fully equipped laboratories, which only a modern teaching hospital maintains for the diagnosis of complex cases. All patients' rooms are connected with the electrocardiograph.

The fourth floor is entirely devoted to the care of obstetrical patients. Before the opening of the Pri-

vate Ward these cases had never been admitted to the General Hospital.

All of the one hundred and two patients' rooms are remarkable for their home-like atmosphere, for which thanks are due to Mrs. Ralph L. Emerson, who had charge of their furnishing and decorating.

During the year three hundred and fifty-eight patients have been cared for with an average stay of 10+ days.

This ward is making a rapidly increasing circle of friends for the Massachusetts General Hospital, and we are confident that sooner or later, through those who have received its benefits, we shall obtain substantial aid for our charitable work.

Information concerning the admission of patients to the Private Ward will be found elsewhere in the report.

NEEDS OF THE HOSPITAL

In the Administrator's report of 1916 a clear statement of the needs of the hospital is recorded. This includes alterations for fire-proofing the Bulfinch Building, a new nurses' home, a department for the care of people of moderate means, and a children's building. I wish to endorse Dr. Washburn's recommendations concerning these needs and to express the hope that funds may be given for these essential additions to the hospital. At this time when appeals for funds for various war charities are made daily, there is danger that the needs of our old established civil charities may be forgotten. It should, however, be borne in mind that the requirements of the War in no measure lessen the needs of our hospital. In fact, the very opposite is true. The cost of maintaining the hospital has been greatly increased and the need for the care of relatives and dependents of those who have gone to the front, together with the necessity of more strictly guarding the public health, have in-

creased the burden of our hospitals. If we are to do our full part, we shall need a continuance of the generous financial aid which the public has given us in former years, as we have no other means of support.

McLEAN HOSPITAL

Work toward the proposed nurses' home has been suspended.

In accordance with the request of the Secretary of Agriculture to raise more vegetables and fruit, we planted four and a half more acres of vegetables than ever before. Although the average yield was poor, the increased size of our garden produced crops valued at $1,750 more than in 1916.

We should at the earliest opportunity construct a vegetable storage cellar. A knoll just back of the kitchen offers a suitable and conveniently located site for such a purpose.

The detailed statement of the Medical Superintendent appears in Section A of this report.

The following are comparative tables:

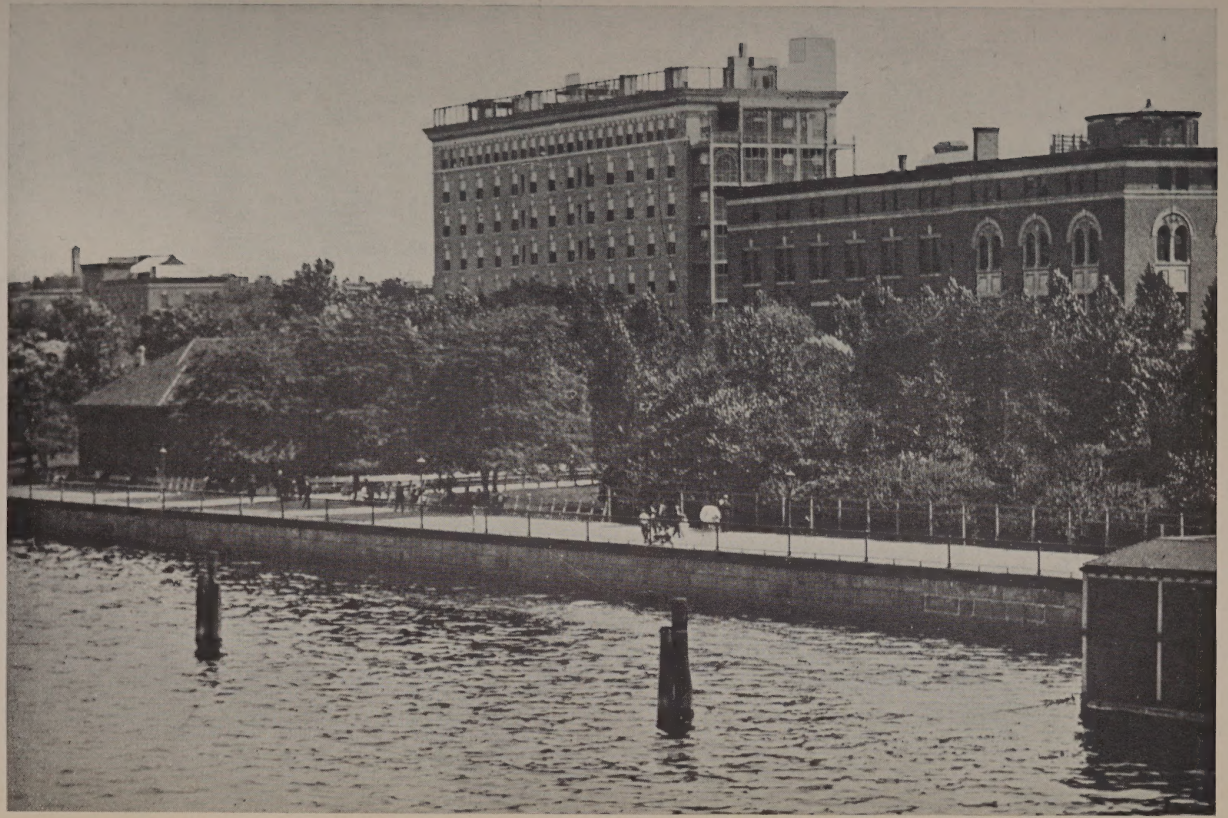
	Number of Patients Admitted.	Number of Patients' Days Treatment.
1908	168	78,897
1909	169	79,515
1910	166	80,978
1911	188	80,245
1912	168	81,358
1913	144	80,618
1914	117	77,621
1915	123	77,807
1916	133	76,477
1917	144	77,128

	Average Daily Cost per Patient.	Daily Cost per Capita for Provisions for all Persons Supported.
1911	$3.59 +	$0.479
1912	3.79 +	0.487
1913	3.90 +	0.511
1914	4.07 +	0.517
1915	4.22 +	0.516
1916	4.75 +	0.615
1917	5.27	0.675

Before closing my report, I wish to express my most sincere appreciation and thanks to the loyal officers and employees of the hospital who have done not only their regular work but also in part the work of those who have been called away. A considerable number of these men and women who could at any time have found other employment with larger remuneration have thought only of the hospital and continued in its service.

Very respectfully yours,

JOSEPH B. HOWLAND,
Acting Administrator.



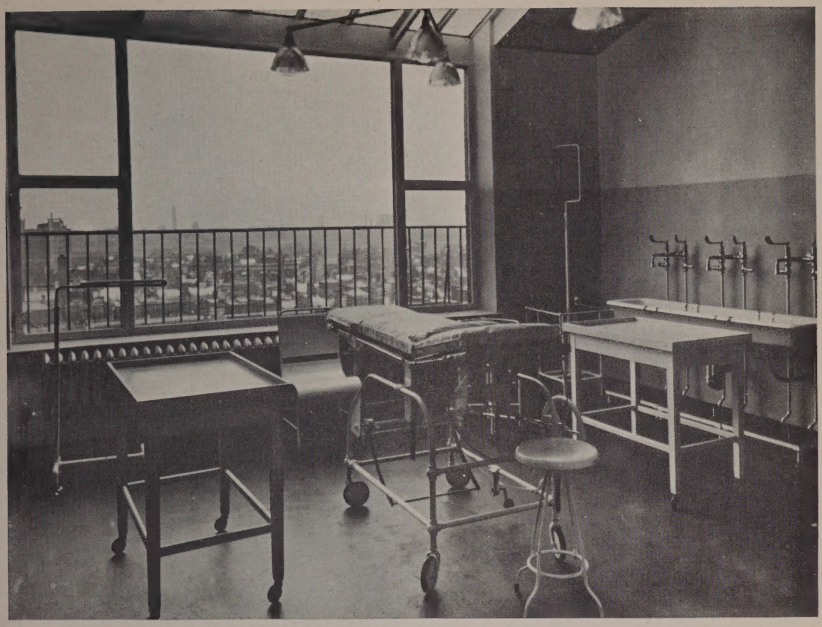
PHILLIPS HOUSE FROM CAMBRIDGE BRIDGE

PATIENT'S BEDROOM, PHILLIPS HOUSE

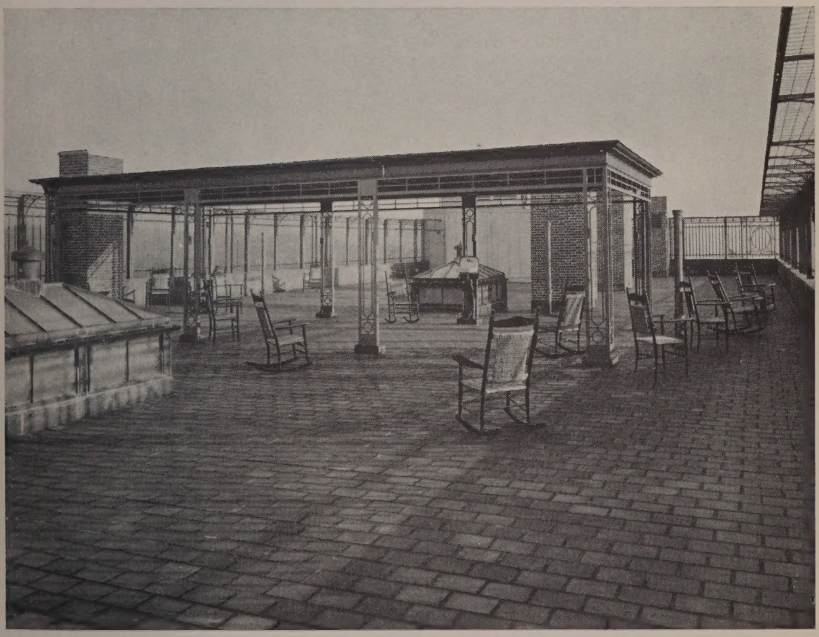
LIBRARY, PHILLIPS HOUSE

PATIENTS' BALCONY, PHILLIPS HOUSE

KITCHEN, PHILLIPS HOUSE



AN OPERATING ROOM, PHILLIPS HOUSE



ROOF GARDEN, PHILLIPS HOUSE

GENERAL HOSPITAL

Table No. 1

COMPARATIVE STATEMENT OF STATISTICS

Hospital Wards and Single Rooms

	1917	1916
Patients in Hospital January 1:		
Medical	120	112
Surgical	203	169
Total	323	281
Patients admitted during year:		
Medical	2,427	2,562
Surgical	4,272	3,945
Total	6,699	6,507
Total patients treated in Hospital wards and single rooms during year:		
Medical	2,547	2,674
Surgical	4,475	4,114
Total	7,022	6,788
Patients discharged during year:		
Well	45	12
Relieved	5,607	5,436
Not relieved	459	377
Against advice	68	44
Died	401	409
Not treated	122	187
Total	6,702	6,465
Patients in Hospital end of year:		
Medical	95	120
Surgical	225	203
Total	320	323

	1917	1916
Total patient's day's treatment:		
Free patients	25,303	40,941
Pay patients	45,052	34,171
Patients paying something	42,281	36,763
Total	112,636	111,875
Percentage:		
Free days	22+	37−
Pay days	40+	30+
Paying something	38−	33−
Total	100	100
Average patients per day:		
Free	69+	112−
Pay	123+	93+
Paying something	116−	100+
Total	308+	305+
Average time per patient in Hospital	17 − days	17 + days
Average daily cost per patient	$4.36+	$4.05+
Daily cost *per capita* for provisions for all persons supported	.41+	.37+

Paying patients were admitted at the following rates: 230 at $35.00; 10 at $28.00; 130 at $21.00; 2,280 at $17.50; 1,375 at $15.00; 60 at $12.00; 50 at $10.50; 3 at $10.00; 600 at $7.00; 10 at $5.00; 56 at $3.50; 8 at $2.50; 2 at $1.00. Some of these patients entered at the rates were afterwards made free.

There were 6,045 patients treated in the Emergency Ward. Of this number 1,612 were retained in the Hospital.

OUT-PATIENT DEPARTMENT

	1917	1916
Number of cases treated (new cases)	31,104	31,061
Americans	16,056	15,672
Foreigners	15,048	15,389
Residents of Boston	12,468	13,498
Residents of other places	18,636	17,563
Medical Department	7,574	8,083
Surgical Department	7,125	7,691
Department for Diseases of the Skin	2,411	2,269
Department for Diseases of the Nervous System	1,221	1,192
Department for Diseases of the Throat	3,638	3,322

	1917	1916
Children's Medical Department	2,309	2,387
Orthopedic Department	3,171	2,515
Genito-Urinary Department	1,608	1,466
Department of Syphilis	1,580	1,458
Dental Department	463	678
Infantile Clinic	1	
Psychiatric Clinic	3	
Total number of visits from patients	205,524	201,375
Average daily attendance	678+	662+
Total number of prescriptions filled	78,820	79,736
Number of visits to Hydrotherapeutic Room	899	2,812
Number of visits to Medico-Mechanical Room	16,425	21,109
Number of applicants	32,936	33,307
Number admitted	31,104	31,052
Referred to other institutions	1,085	1,425
Referred to Consultation Clinic		6
Number refused	747	824
Cost of maintenance of Out-Patient Department	$110,543.67	$103,233.15
Daily average cost per Out-Patient	.54+	.51+

AMBULANCE

	1917	1916
Ambulance calls during year	1,358	1,413
Average calls per day	4—	4—

EMERGENCY WARD

	1917	1916
Visits made to Emergency Ward during year	6,045	5,123
Average visits made per day	17—	14—
Cost of maintenance of Emergency Ward	$12,380.79	$6,210.98
Daily average cost per Emergency Ward patient	2.05—	1.21+

X-RAY

	1917	1916
Number of X-ray cases taken in the Out-Patient Department	10,161	10,616
Number of X-ray cases taken in the House	4,125	4,986
Number of X-ray cases taken in Private Ward	134	
Fluoroscopic examinations	4,354	4,689

Table No. 2

RESIDENCES

	1917
Boston	1,191
Massachusetts (except Boston)	5,075
Maine	59
New Hampshire and Vermont	197
New York	35
Rhode Island and Connecticut	45
Other States	78
British Provinces	19
Total	6,699

Table No. 3

BIRTHPLACES

Boston	548
Massachusetts (except Boston)	1,843
Maine	314
New Hampshire and Vermont	352
Rhode Island and Connecticut	96
New York	154
Southern and Western States	241
Other States	59
Total in United States	3,607
British Provinces	687
Great Britain	280
Ireland	536
Norway and Sweden	176
Italy	423
Russia and Poland	579
Germany	39
France	17
Other places	355
Total Foreigners	3,092

BIRTHPLACE OF MOTHER

Boston	233
Massachusetts	851
Maine	351
New Hampshire and Vermont	230
Rhode Island and Connecticut	95
Carried forward	1,760

Brought forward	1,760
New York	131
Southern and Western States	224
Other States	56
Total in United States	2,171
Great Britain	366
British Provinces	1,027
Ireland	1,035
Norway and Sweden	172
Germany	84
Italy	612
Russia and Poland	780
France	25
Other foreigners	427
Total Foreigners	4,528

Table No. 4

OCCUPATIONS

Male

Ammunition Factory	
Foreman	1
Inspector	1
Laborers	3
Athletic Association	
Bell Boy	1
Trainer	1
Automobile Company	
Assembler	1
Blacksmith	1
Galvanizer	1
Mechanics	3
Painter	1
Repairers	8
Traveling Salesmen	5
Automobile Starter Company	
Assembler	1
Awning Factory	
Maker	1
Bakery	
Bakers	17
Laborer	1
Pastry Cooks	2
Shipping Clerk	1
Banking	
Clerks	4
President of Bank	1
Stock Broker	1
Vice President of Bank	1
Barbers	
Barbers	25
Bar Room	
Bar Room Cleaner	1
Bar Tenders	7
Bicycle Shop	
Painter	1
Billiard Room	
Manager	1

Blacksmiths

Blacksmiths	20

Bleachery

Bleacher	1
Dyers	3
Finisher	1
Machinist	1
Sorter	1
Washer	1

Board of Health

Agents	2

Boiler Makers

Boiler Makers	3
Machinist	1

Book Bindery

Agent	1
Binder	1
Salesman	1

Bowling Alley

Pin Setter	1
Managers	2

Box Factory

Box Makers	5
Corner Cutter	1
Machine Operator	1
Stripper	1

Brewery

Distillers	2
Shipper	1

Brick and Stone

Brick Layers	2
Masons	22

Brush Factory

Brush Maker	1

Building

Builders and Contractors	3
Contractors	4
Engineer	1
Foreman	1
Laborers	8
Lathers	3
Porter	1
Rigger	1

Butcher Shop

Butchers	7
Meat Cutters	2

Butter and Cheese Manufacturers

Butter Makers	2
Milk Boiler	1

Can Factory

Presser	1

Canadian Army

Captain (Dental Corps)	1

Candy Factory

Candy Makers	7
Cutters	2
Manager	1
Packer	1

Cap Factory

Stitcher	1

Car Company

Liner	1

Carpenters

Carpenters	106

Carpet Mill

Stripper	1

Carriage Company

Wheelwright	1

Cartridge Company

Dye Finisher	1

Casket Factory

Finisher	1

Cemetery

Monument Setters	2

Chair Factory

Chair Makers	3
Machine Operator	1
Shipper	1

Chauffeurs

Chauffeurs	46

Chemical Company

Bottler	1
General Work	1

Chemical Store House

Shipper	1

Chemical Laboratory

Chemists	2
Foreman	1

Chocolate Factory

Cocoa Worker	1
Laborer	1
Machine Operators	3
Mixer	1
Shaker	1

Cigar Factory

Cigar Makers	7

Clerical

Auditors	3
Bookkeepers	10
Canvassers	3
Clerks	32
Receiving Clerks	3
Shipping Clerks	27
Timekeeper	1

Clothing House

Finisher	1
Shipper	1

Clothing Store

Buyers	2
Cloth Inspector	1

Coal Company

Assistant Manager	1
Coal Shovelers	6
Coal Trimmer	1
Hod Carriers	2

Cobblers

Cobblers	15

Cold Storage House

Foreman	1

Comb Factory

Pointer	1

Commercial Travelers

Traveling Salesmen	4

Commission for Blind

Agent	1
Broom Maker	1
Mop Makers	2

Cotton Mill

Bleacher	1
Bobbin Setters	2
Carder	1
Cleaner	1
Doffer	2
Drawer-in	1
Dryer	1
Feeders	2
Framer	1
Laborers	3
Loom Fixer	3
Machine Operator	1
Machinist	1
Oiler	1
Pattern Fitter	1
Reed Fixer	1
Slashers	3
Speeder	1
Spinners	7

Warp Twister	1
Weavers	15

Court House

Clerk of Courts	2
Court Officer	1

Cranberry Bog

Picker	1

Custom House

Officers	2
Packers	2

Department Store

Cloak Maker	1
Drapery Hanger	1
Floor Managers	2
Packer	1
Polisher	1
Porters	3

Domestic and Personal Service

Attendants	3
Bar Tenders (hotel)	3
Bell Boys	5
Bootblacks	6
Butlers	3
Caretakers	5
Checker (hotel)	1
Chefs	9
Choreman	1
Cleaners	24
Coachmen	5
Cooks	11
Dish Washers	7
Elevator Tenders	14
Footman	14
Hotel Manager	1
Hotel Proprietor	1
Housemen	3
Kitchen Helper	1
Orderly	1
Porters	7
Stewards	2
Waiters	20
Ward Tenders	11
Window Cleaner	1
Valet	1

Drugs

Druggists	5

Dye House

Mixer	1

Electric Company

Bench Hand	1
Binder	1
Caster	1
Checking Clerk	1
Dipper	1
Electricians	16
Finisher	1
Inspector	1
Jewel Turner	1
Laborers	2
Lineman	1
Machinists	2
Packer	1
Stock Boy	1
Winder	1
Yardman	1

Electric Heat Company

Enamel Worker	1
Superintendent	1

Emery Wheel Factory

Lathe Hand	1

Engineers (Stationary)

Stationary Engineers	7

Envelope Factory

Fireman	1
Machine Operator	1

Employment Bureau

Manager	1

Express Company

Agent	1

Farm

Farmers	75
Farm Hand	1

Fire Escape Company

Iron Worker	1

Firemen (not Locomotive or Fire Department)

Firemen	6

Fish Market

Cutters	3
Dealers	2

Fishermen

Deep Sea Fishermen	20

Florists

Florists	5
Gardeners	23

Forestry

Foresters	4

Fruit Dealers

Dealers	3

Fur Factory

Stitchers	3

Furniture Factory

Cabinet Makers	3
Chair Maker	1
Chair Repairer	1
Dealer	1
Draftsman	1
Driller	1
Foreman	1
Hardwood Finisher	1
Helpers	2

Garage

Laborers	3
Managers	3
Mechanic	1
Repairmen	4

Garter Factory

Cutter	1

Gas Company

Coal Heaver	1
Gas Fitters' Assistants	3
Laborers	6

Gas and Coke Company

Coke Shoveler	1

Glass Company

Bottler	1
Glazers	2

Golf Links

Green Keeper	1

Granite Company

Cutter	1
Manufacturer	1
Polisher	1

Grocery Store

Dealers	19
Proprietors	3

Gun Powder Factory

Foreman	1

Hardware Store

Merchant	1
Porter	1

Harness Shop

Harness Maker	1

Hat Factory

Blackener	1
Finisher	1
Hatter	1

Horse Trader

Horse Trader	1

Ice Company

Dealer	1
Ice Men	4

Ice Cream Freezer Company

Laborer	1

Insurance

Adjuster	1
Agents	6
Brokers	9
Solicitor	1

Iron Foundry

Coil Makers	3
Iron Heater	1
Iron Moulders	16
Laborers	9
Painter	1
Stone Fitter	1
Superintendent	1

Janitors

Janitors	20

Jewelers

Jewelers	7

Jewelry Factory

Bench Hands	2
Counter Man	1
Electro-plater	1
Machinist	1
Manufacturer	1
Moulder	1
Polisher	1
Tool Maker	1

Junk Dealers

Dealers	8

Kitchen Ware

Merchant	1

Laborers

Foreman-Laborers	2
General Laborers	143
Street Pavers	253

Last Factory

Last Turners	2

Laundry

Agent	1
Laundrymen	3
Washers	2
Wringer	1

Leather Factory

Blackener	1
Embosser	1
Finishers	4
General Workers	5
Leather Manufacturer	1
Machine Operator	1
Polisher	1
Roller	1
Shaver	1
Skin Hanger	1
Spreader	1
Tacker	1

Lithograph Company

General Worker	1
Lithographers	3

Livery Stable

Harness Cleaner	1

Longshoremen

Longshoremen	10

Lumber Yard

Hardwood Finisher	1
Laborers	9
Lumber Dealers	3
Lumber Jack	1
Surveyors	3

Machine Shop

Bench Hands	3
Drillers	2
Finisher	1
Foreman	1
Laborers	4
Lathe Hand	1

Machine Tender 1
Machinists 82
Machinist's Helpers . . . 11
Polishers 2
Pipe Maker 1
Scraper 1
Tool Makers 2

Match Factory

Sorter 1

Mattress Factory

Pillow Maker 1

Meat Market

Meat Cutters 5
Order Boy 1
Sausage Makers 2

Messengers, etc.

Errand Boy 1
Messengers 5
Office Boys 6

Metal Works

Apprentices 2
Metal Worker 1

Motion Picture

Lecturer 1
Operator 1

Motor Boat

Manufacturer 1

Navy Yard

Boiler Maker 1
Messenger 1
Rope Maker 1

Newsboys

Newsboys 4

Newspaper

Publisher 1

Novelties Manufacturing Company

Stamper 1

Oil Business

Cooper 1
Manager 1

Oil Cloth Company

Machine Hand 1

Organ Factory

Mechanic 1

Painters

Carriage Painter 1
House Painters 53

Paper Box Factory

Corner Cutter 1

Paper Hangers

Paper Hangers 6

Paper Mill

Engineer 1
General Workers 3
Machine Tender 1
Paper Makers 4
Sorter 1
Superintendent 1

Paper Ruling Company

Paper Rulers 2

Pattern Makers

Pattern Makers 2

Pedlers

Brooms and Brushes . . 2
Dry Goods 6
Fish 1
Frankforts 1
Fruit 11
Novelties 1
Rags 4

Rubber Coats	1
Vegetables	1
Photograph Company	
Photographer	1
Printer	1
Piano Factory	
Examiner	1
Tuners	2
Veneerer	1
Wood Carvers	2
Picture Frame Factory	
Frame Maker	1
Plasterers	
Plasterers	4
Plumbers	
Assembler of Supplies	1
Helper	1
Plumbers	6
Print Cloth Company	
General Worker	1
Printing Company	
Advertising	1
Apprentice	1
Compositors	3
Electrotyper	1
Linotyper	1
Pressmen	8
Printers	9
Produce	
Dealer	1
Professional	
Author	1
Artists	3
Civil Engineers	5
Clergymen	12
Consulting Engineer	1
Dentists	9
Editors	33
Lawyers	4
Lecturer	1
Librarian	1
Mathematician	1
Musicians	3
Nurses	7
Physicians	46
Pianist	1
Professors (Language)	3
School Teachers	7
Surgeon	1
Technician	1
Public Officials	
Congressman	1
Public Service	
Ash Collector	1
Cab Driver	1
Firemen	15
Fire Commissioner	1
Grease Collector	1
Letter Carriers	3
Moth Superintendent	1
Police Officers	8
Special Officers	2
Watchmen	13
Quarry	
Driller	1
Quarrymen	2
Stone Cutters	2
Raincoat Company	
Cementer	1
Stitchers	2
Real Estate	
Agents	3
Brokers	3
Religious and Charity Workers	
Gospel Worker	1
Social Workers	2
Visitor	1

Restaurant

Manager	1

Roofers

Roofers	8

Rope Factory

Rope Maker	1

Rubber Cement Company

Salesmanager	1

Rubber Factory

Assistant Foreman	1
Boot Makers	11
Cementers	4
Cloth Folder	1
Coat Makers	2
Curer	1
Cutters	2
Gummer	1
Heeler	1
Inspector	1
Machine Operator	1
Mixer	1
Spreader	1
Tire Makers	2
Trimmer	1
Vulcanizer	1
Washers	3

Salesmen and Clerks in Stores

Clerks	21
Salesmen	70
Stock Clerks	3

Sanatorium

Administrator	1

Sardine Factory

Paymaster	1

Scouring Mill

Wool Sorter	1

Seed Company

Mixer	1

Sewing Machine Factory

Bench Hand	1
Manager	1
Polisher	1

Sheet Metal Company

Sheet Metal Worker	1

Ship Yard

Crane Man	1
Drillers	2
Heater	1
Iron Workers	2
Machinist	1
Marine Oiler	1
Pipe Coverer	1
Rigger	1
Riveter	1
Ship Fitter	1
Shipsmith's Helper	1

Ship Supplies

Merchant	1

Shoe Factory

Assistant Foreman	1
Button Worker	1
Counter Moulders	2
Cutters	23
Edge Setters	2
Edge Trimmers	5
Finishers	4
Foremen	4
Goodyear Welters	3
Heel Cutters	8
Heel Polisher	1
Inspector	1
Ironers	2
Laborers	6
Last Boy	1
Lasters	17
Leveler	1
Machine Operator	1
Machinists	2
Moulder	1
Pattern Maker	1
Pegger	1
Puller-Over	1

Repairers	3
Shoe Foreman	1
Shoe Manufacturers	8
Solers	4
Sorters	2
Stainer	1
Stitchers	10
Stock Fitters	2
Sweeper	1
Tacker	1
Treers	4
Turner	1
Vampers	3

Shoe Store

Managers	2

Silk Mill

Weaver	1

Silver Factory

Finisher	1
Silversmiths	3
Trimmer	1

Slaughter House

Meat Cutter	1

Stable

Stablemen	6

Steamfitters

Steamfitters	3
Steamfitter's Helpers	4

Steam Gauge Company

Machinist	1

Steel Foundry

Melters	2
Saw Man	1

Store House

Managers	2

Stove Repair Company

Repairer	1

Structural Iron

Bridge Worker	1
Iron Helper	1
Wire Worker	1

Steam Railroad

Assistant Station Agent	1
Baggagemen	3
Boiler Makers' Helper	1
Brakemen	27
Car Cleaners	5
Car Inspectors	2
Car Sealer	1
Coal Heaver	1
Conductors	3
Crossing Tenders	3
Draw Tenders	3
Engineers	4
Firemen	13
Floor Cleaners	2
Foreman	1
Freight Brakemen	6
Freight Clerks	5
Freight Conductors	3
Freight Handlers	6
Gate Man	1
Guard	1
Iron Worker	1
Laborers	12
Lamp Lighters	2
Machinists	5
Mail Porter	1
News Agent	1
Section Foreman	1
Section Hands	9
Signal Men	2
Station Agent	1
Switchmen	3
Tariff Clerk	1
Trackman	1
Train Dispatcher	1
Water Carrier	1
Yard Conductors	4
Yard Clerk	1

Street Railroad

Brakemen	3
Carpenter	1
Conductors	13
Electrical Engineers	3
Laborer	1
Motormen	11
Sweepers	2
Trackman	1

Stock Raiser

Ranchman	1

Students

Students	456

Tailor Shop

Apprentice	1
Pressmen	3
Stitchers	2
Tailors	29

Tannery

Beamer	1
Finisher	1
Laborers	7
Staker	1
Tackers	3
Tanner	1

Teamsters, etc.

Expressmen	2
Furniture Mover	1
Teamsters	75
Truckmen	8

Telegraph Operators

Operators	3

Telephone Company

Guardman	1
Linemen	3
Wire Chief	1

Textile Company

Driller	1
Loom Fixer	1

Theatrical Business

Costumer	1

Tin Can Factory

Machine Operator	1

Tinsmiths

Tinsmiths	9

Tonic Company

Bottlers	5

Transportation Company

Captain	1
Managers	2

Typewriter Company

Cleaner	1

Undertaking Company

Caretaker	1
Embalmer	1
Undertaker	1

United Fruit Company

Special Officer	1

United States Army

Captains	3
Cook	1
Color Sergeant	1
Field Clerk	1
Privates	13
First Lieutenants	3
Second Lieutenant	1
Quartermaster	1

United States Navy

Boatswain	7
Chief Boatswain's Mates	2
Captain	1
Carpenter's Mates	3
Cooks	6
Corporals (Marine)	3
Electricians	2

Firemen	15
Gunner's Mates	4
Hospital Apprentice	1
Landsmen for Electricians	8
Machinist	1
Marine Engineers	7
Marine Fireman	1
Officer	1
Painter	1
Privates (Marine)	4
Quartermasters	2
Radio Operators	5
Seamen (1st Class)	23
Seamen (2d Class)	22
Yeomen	4

Upholsterers

Upholsterers	3

Variety Store

Store Keeper	1

Watch Factory

Inspectors	2

Water Works

Foreman	1

Wheel Company

Moulders' Helper	1

Wholesale Dry Goods

Cutter	1

Wine Store

Manager	1

Wire Factory

Laborers	5
Winders	2
Wrapper	1

Wood Work Shop

Planers	3

Woodsmen (Log Camp)

Woodsmen	5

Woolen Mill

Bobbin Boy	1
Carders	3
Cleaner	1
Cloth Finisher	1
Cloth Inspector	1
Comber	1
Designer	1
Drawing Frame Tender	1
Dryer	1
Finishers	2
Knitter	1
Laborers	3
Loom Fixer	1
Machinist	1
Section Hand	1
Shearer	1
Sorters	2
Spinners	8
Weavers	13
Weigher	1

Worsted Mill

Cloth Inspectors	2

Yarn Mill

Quillers	3

No Occupation	338

FEMALE

Apron Factory

Machine Operator	1

Automobile Factory

Tube Makers	2

Baker's Shop

Saleswoman	1

Beef Company

Packer	1

Biscuit Factory

Packer	1

Bookbindery

Binder	1
Folders	2
Machine Operator	1
Wire Stitcher	1

Box Factory

Box Makers	4
Cover Maker	1
Paster	1

Braid Factory

Bow Maker	1

Brush Factory

Bristle Puller	1
Brush Setters	2

Candy Factory

Candy Maker	1
Dippers	5
Floor Girls	3
Packers	5
Sorter	1
Tiers	3

Carpet Factory

Power Machine Operator	1

Charity Work

Social Workers	3

Cigar Factory

Strippers	2

Clerical

Bookkeepers	16
Clerks	25
Secretary	1
Stenographers	8

Cloth Mill

Machinist	1

Clothing Factory

Stitcher	1
Waist Maker	1

Coat Factory

Stitcher	1

Commission for Blind

Weavers	2

Cotton Mill

Finishers	2
Inspector	1
Mill Hand	1
Skein Winder	1
Spinners	5
Spoolers	2
Tackers	2
Twister	1
Weavers	6

Cracker Factory

Labeler	1

Dentist's Office

Assistants	2

Department Store

Assistant Buyer	1
Embroiderer	1
Presser	1
Saleswomen	9

Domestic and Personal Service

Chambermaids	15
Checker	1
Childrens' Nurses	2
Cleaner	1
Cooks	24
Dish Washers	3
Governesses	3
Housekeepers	59
Housework	200
Kitchen Workers	4
Lady's Maid	1
Laundresses	10
Maids	38

Nurse Maids 9
Waitresses 33

Dyeing Company

Markers and Sorters . . 2

Electric Company

Machine Operator . . . 1
Piece Work 1
Winders 2

Electric Light Company

Dealer 1

Film Company

Inspector 1

Gelatine Factory

Forewoman 1

Hair Dressing Parlor

Hair Dresser 1

Hat Factory

Stitcher 1

Hosiery Factory

Finisher 1
Knitter 1
Stitcher 1

Housewives

Housewives 1359

Interior Decorator

Interior Decorator . . . 1

Knitting Mill

Button Hole Maker . . . 1

Laundry

Feeder 1
Folder 1
Ironers 5
Laundresses 7
Mangle Girl 1
Shaker 1
Sorter 1

Machine Shop

Thread Lapper 1

Masseuse

Masseuse 1

Millinery Shop

Maker 1
Trimmers 3

Needle Shop

Machine Operator . . . 1

Net and Twine Company

Errand Girl 1
Machine Operator . . . 1

Novelty Shop

Box Liner 1

Paper Cup Factory

Paraffiner 1

Piano Factory

Machine Operator . . . 1

Poultry Farm

Keepers 2

Physicians' Office

Secretaries 2

Professional

Anesthetists 2
Clergyman 1
Dietitians 3
Librarians 2
Music Teachers 4
Nurses 185

Physician	1
Pianist	1
Private Tutor	1
School Teachers	17
Technician	1
Violinists	2

Publishing Company

Examiner	1

Raincoat Factory

Stitchers	2

Razor Factory

Blade Inspectors	2
Filer	1

Reformatory

Officer	1
School Attendants	10

Rubber Factory

Lasters	2
Packers	2
Rubber Heel Inspector	1
Stitchers	3
Stock Girl	1
Tennis Maker	1
Upperer	1

Sanatorium

Attendant	1

Seamstresses

Seamstresses	39

Shoe Factory

Assistant Forewoman	1
Assembler	1
Barrer	1
Cementers	2
Shoe Dressers	2
Finisher	1
Floor Girl	1
Lacers	3
Liner	1
Packer	1
Perforators	2
Repairer	1
Sewing	1
Skivers	2
Sorter	1
Stitchers	22
Tap Sorter	1
Vamper	1
Winder	1

Silk Mill

Reeler	1

Students

Students	277

Sweater Factory

Examiner	1

Steam Railroad

Car Cleaner	1

Tailor Shop

Tailoresses	5

Tea and Coffee Factory

Packer	1

Telegraph Operators

Telegraph Operator	1

Telephone Operators

Telephone Operators	21

Theatre

Chorus Girl	1

Thread Factory

Loom Fixer	1

Towel Shop

Power Machine Operator	1

Underwear Factory

Stitchers	3
Winder	1

United States Navy

Yeowomen	4

War Supply Department

Sterilizer	1

Watch Factory

Jewel Setter	1
Machine Operator	1
Polisher	1

Woolen Mill

Burlers	2
Menders	2
Skein Winder	1
Specker	1
Speeder	1
Spooler	1
Weavers	5

Worsted Mill

Burler	1
Menders	2
Spooler	1

No Occupation	350

Table No. 5

TABLE OF ADMISSIONS, DISCHARGES, AND RESULTS AT THE GENERAL HOSPITAL FROM JANUARY 1, 1885 TO JANUARY 1, 1918

Year.	Total Admitted.	Free.	Paying Board all the Time.	Paying Part of the Time.	Whole Number Treated.			Deaths.	Percentage on Total Admitted.	Greatest Total.	Least Total.	Average.	Admitted through Emergency Ward.	New Out-Patients.	Out-Patient Visits.
					Paying Board.	Paying Board Part of Time.	Free.								
1885	2327	1910	371	46	382	46	2044	192	8.25	184	147	167	443	17016	.....
1886	2580	2124	392	64	409	64	2283	192	7.44	206	133	173	471	17925	.....
1887	2814	2340	429	45	447	45	2523	245	8.70	217	150	185	490	18981	.....
1888	3256	2549	553	154	570	154	2731	277	8.50	215	156	193	496	19472	.....
1889	2419	2825	500	94	514	94	3016	285	8.33	227	170	207	530	22939	.....
1890	3381	2546	581	254	599	254	2719	278	8.13	225	158	198	601	22545	.....
1891	3203	2566	425	212	449	212	2748	268	8.36	233	175	208	595	25819	.....
1892	3325	2612	549	164	566	164	2793	298	8.96	219	171	201	588	26718	.....
1893	3524	2768	614	142	627	146	2949	320	9.06	222	175	203	677	26527	.....
1894	3406	2683	621	102	636	107	2860	320	9.04	237	192	213	566	27989	.....
1895	3749	2553	1028	168	1091	168	2687	344	9.17	236	173	205	585	29146	.....
1896	4304	3103	1061	140	1124	140	3237	384	8.03	256	200	227	617	29867	.....
1897	4079	2841	1126	112	1220	112	2980	361	8.37	259	212	235	823	29181	.....
1898	4807	2854	1778	175	1868	175	3010	430	8.51	304	212	253	943	28741	.....
1899	4816	2812	1781	223	1882	223	2981	407	8.00	284	236	261	958	31003	.....
1900	4640	2985	1442	213	1534	213	3136	449	9.19	286	235	261	1171	31043	.....
1901	5094	3349	1385	360	1466	360	3527	496	9.26	283	217	255	1169	27667	.....
1902	4936	3227	1429	280	1521	280	3398	411	7.90	284	217	254	1024	27662	.....
1903	5080	3222	1653	205	1737	205	3399	438	8.62	305	251	274	1240	27865	.....
1904	5204	3251	1761	192	1861	192	3433	469	9.01	301	237	276	1246	25020	106,175
1905	5096	3073	1858	165	1968	165	3213	451	8.85	301	236	277	1527	21874	110,631
1906	5075	2850	2050	175	2188	175	2968	489	9.61	303	226	272	1650	20010	99,251
1907	5517	3285	2057	175	2189	175	3429	471	8.53	307	252	279	1829	20358	107,063
1908	5362	3417	1837	108	1971	108	3558	465	8.65	323	252	291	1586	20729	116,008
1909	5871	3380	2227	264	2378	264	3525	451	7.68	313	261	288	1737	21518	121,327
1910	6092	3523	2223	346	2361	346	3685	450	7.38	317	262	289	1695	22302	124,584
1911	6495	3874	2114	507	2269	507	4005	475	7.31	320	260	295	2289	22232	135,809
1912	6629	3470	2583	576	2777	613	3779	470	7.00	316	270	294	1939	22639	136,095
1913	6251	3014	2507	730	2670	763	3116	428	6.80	327	281	305	1693	24887	147,428
1914	6413	3252	2400	761	2606	844	3499	425	6.60	339	290	318	1658	24957	158,090
1915	6503	3424	2119	960	2227	960	3642	405	6.20	340	247	312+	1423	29213	190,628
1916	6507	3047	2360	1100	2444	1193	3151	409	6.28	366	204	305+	1351	31061	201,375
*1917	6699	2549	3591	559	3720	682	2620	401	5.98	330	244	318+	1612	31104	205,524

* Does not include Private Ward.

Total of patients in wards from the year 1821, 219,227.

General Hospital. — Table No. 6.

ADMINISTRATION ACCOUNT NO. 1, FOR THE YEAR 1917

	Total	General Hospital	Out-Patient Dept.	Private Ward	Consultation Clinic	Convalescent Hospital	McLean Hospital	Eye & Ear Infirmary
Salaries and Wages								
Administration, Officers and Clerks	$51,956.02	$34,808.11	$9,238.96	$5,719.92	$934.05	$304.98	$900.00	$50.00
Telephone Operators	2,482.36	1,343.85	448.61	689.90	....	....	....	....
Physicians and Surgeons	10,210.85	2,450.01	2,220.34	....	5,540.50	....	....	....
Supt. of Nurses, Assistants and Instructors	9,777.30	9,777.30	2,315.10	....	....	....	....	....
Nurses	16,450.78	10,430.71	....	3,103.32	....	....	....	601.65
Special Nurses	12,985.48	7,603.72	....	5,381.76	....	....	....	....
Orderlies	17,472.84	15,493.57	888.89	844.38	....	246.00	....	....
Apothecary	6,213.34	3,044.30	2,427.01	722.03	....	....	....	20.00
Instrument Shop	1,304.89	978.69	326.20	....	....	....	....	....
X-Ray Operators and Clerks	9,534.55	3,330.82	3,937.61	2,266.12	....	....	....	....
Ambulance	2,715.43	2,715.43	....	....	....	....	....	....
Messengers, Cleaners and Maids, O. P. Dept.	8,683.68	....	8,683.68	....	....	....	....	....
Other Out-Patient Dept. Employees	11,376.74	....	11,295.74	....	81.00	....	....	....
Housekeeping and Kitchen Wages	67,088.41	53,634.87	3,444.84	9,489.36	....	497.12	22.22	....
Laundry Wages	14,525.25	12,162.27	1,483.38	689.18	....	....	190.42	....
Pathological Laboratory	14,306.32	14,131.02	....	175.30	....	....	....	....
Maintenance, Property and Power Plant	27,756.81	15,236.36	5,504.24	2,005.26	....	....	7.60	5,003.35
Corporation Expenses	1,440.00	1,170.00	....	....	....	270.00	....	....
Total Salaries and Wages	$286,281.05	$188,311.03	$52,214.60	$31,086.53	$6,555.55	$1,318.10	$1,120.24	$5,675.00
Supplies								
General Administration Expenses	$28,958.59	$23,168.57	$4,027.57	$1,440.32	$149.01	$46.51	$109.66	$16.95
Medical and Surgical Supplies	62,290.82	26,817.14	30,861.04	2,848.37	.20	54.81	1,285.11	424.15
X-Ray Supplies	11,226.27	4,823.92	5,649.23	751.62	....	....	....	1.50
Ambulance and Automobile Supplies	3,455.80	3,349.80	....	104.00	....	....	....	2.00
Uniforms and Equipment	4,343.28	3,985.60	296.42	61.26	....	....	....	....
Housekeeping and Kitchen Supplies	37,249.36	31,474.97	1,576.21	3,375.07	....	77.35	49.75	....
Laundry Supplies	7,248.45	5,537.81	560.19	784.80	....	....	95.21	696.01
Groceries and Provisions	135,015.02	114,338.81	5,711.78	12,764.67	....	1,091.66	1,072.13	270.44
Maintenance, Property and Power Plant	94,595.87	74,149.43	6,622.58	4,229.56	....	481.87	178.00	35.97
Refunds	5,289.47	4,950.62	178.59	155.26	5.00	....	....	8,934.43
Miscellaneous	3,911.50	1,815.52	1,292.45	459.33	....	53.00	35.99	255.21
Total Supplies	$393,584.43	$294,412.19	$56,776.06	$26,974.26	$154.21	$1,805.20	$2,825.85	$10,636.66

General Hospital. — Table No. 6 (*continued*)

Receipts	Total	General Hospital	Out-Patient Departmet	Private Ward	Consultation Clinic	Convalescent Hospital	McLean Hospital	Eye & Ear Infirmary
Private Room Patients	$54,779.52	$22,803.70	....	$30,679.40	....	$1,296.42	....	....
Ward Patients	105,397.95	104,750.91	....	....	....	647.04	....	....
Special Nurses	15,276.31	8,080.25	....	7,196.06	....	....	....	....
Medical and Surgical Supplies	34,165.47	13,228.34	18,347.65	2,589.48	....	....	....	....
Ambulance	1,985.12	1,881.12	....	104.00	....	....	....	....
X-Rays	19,767.74	8,024.96	8,956.45	2,786.33	....	....	....	....
Emergency Ward Fees	2,709.05	2,709.05	....	....	....	....	....	....
Admission Fees, Out-Patient Dept.	31,960.10	....	31,960.10	....	....	....	....	....
Special Dept. Fees	9,949.61	....	9,879.61	70.00	....	....	....	....
Prescriptions	28,107.78	....	28,107.78	....	....	....	....	....
Consultation Clinic Fees	6,466.00	....	....	....	6,466.00	....	....	....
Miscellaneous	26,479.80	22,285.10	2,620.54	1,056.61	456.00	61.55	....	16,311.66
Eye and Ear Infirmary	16,311.66	....	....	....	....	....	....	....
Total Hospital Receipts	$353,356.11	$183,763.43	$99,872.13	$44,481.88	$6,922.00	$2,005.01	....	$16,311.66

Summary Administration Account No. 1

	Total	General Hospital	Out-Patient Dept.	Private Ward	Consultation Clinic	Convalescent Hospital	McLean Hospital	Eye & Ear Infirmary
Salaries and Wages	$286,281.05	$188,311.03	52,214.60	$31,086.53	$6,555.55	$1,318.10	$1,120.24	$5,675.00
Supplies	393,584.43	294,412.19	56,776.06	26,974.26	154.21	1,805.20	2,825.85	10,636.66
Corporation Expenses, Insurance and Pensions Paid by Treasurer	14,050.49	10,161.49	1,553.01	2,174.59	84.25	77.15	....	....
Total Expenses	$693,915.97	$492,884.71	$110,543.67	$60,235.38	$6,794.01	$3,200.45	$3,946.09	$16,311.66
Total Hospital Receipts	$353,356.11	$183,763.43	$99,872.13	$44,481.88	$6,922.00	$2,005.01	....	$16,311.66
From Treasurer	315,000.00	....	....	....	....	....	....	....
Corporation Expenses, Insurance and Pensions Paid by Treasurer	14,050.49	....	....	....	....	....	....	....
Total Receipts	$682,406.60	....	....	....	....	....	....	....
Cash on hand, January 1, 1917	$12,620.69	....	....	....	....	....	....	....
Cash on hand, December 31, 1917	1,111.32	11,509.37	....	....	....	....	....	....
Total	$693,915.97	....	....	....	....	....	....	....

McLean Hospital.—Table No. 1

ADMINISTRATION ACCOUNT NO. 2, FOR THE YEAR 1917

	Total	McLean Hospital	General Hospital	Private Ward	Convalescent Hospital
Salaries and Wages					
Administration, Officers and Clerks	$9,525.54	$9,525.54	....	....	....
Medical Officers	14,102.23	14,102.23	....	....	....
Supt. of Nurses, Assistants and Instructors	6,783.97	6,783.97	....	....	....
Women Nurses	17,491.68	17,491.68	....	....	....
Men Nurses	19,874.72	19,874.72	....	....	....
Druggists	621.40	621.40	....	....	....
Ward Maids	7,303.53	7,303.53	....	....	....
Barber	718.00	718.00	....	....	....
Diversions	3,951.40	3,951.40	....	....	....
Libraries	700.00	700.00	....	....	....
Laboratories	6,608.07	6,608.07	....	....	....
Housekeeping and Kitchen Wages	26,536.60	26,536.60	....	....	....
Laundry Wages	7,985.64	7,894.35	....	....	$91.29
Stables	4,449.87	3,877.18	$379.96	$4.64	188.09
Farm and Garden	16,370.62	16,330.62	40.00	....	....
Maintenance, Property and Power Plant	27,914.57	27,756.47	....	....	158.10
Miscellaneous	420.00	420.00	....	....	....
Corporation Expenses	....	....	....	....	....
Total Salaries and Wages	$171,357.84	$170,495.76	$419.96	$4.64	$437.48
Supplies					
General Administration Expenses	$4,671.72	$4,669.29	....	....	$2.43
Libraries	614.28	614.28	....	....	....
Medical and Surgical Supplies	1,042.45	1,026.85	$15.60	....	....
Nurses' Uniforms and Equipment	1,112.74	1,112.74	....	....	....
Housekeeping and Kitchen Supplies	18,517.97	18,499.22	5.00	....	13.75
Laundry Supplies	6,243.90	6,234.85	....	....	9.05
Groceries and Provisions	118,028.47	109,580.88	7,969.39	$297.14	181.06
Stables	8,321.58	8,285.87	33.26	....	2.45
Farm and Garden	13,372.24	10,709.25	2,381.26	21.58	260.15
Maintenance, Property and Power Plant	77,245.06	77,060.93	10.00	....	174.13
Laboratories	90.86	90.86	....	....	....
Diversions	1,254.51	1,254.51	....	....	....
Purchases for Patients	18,005.40	18,005.40	....	....	....
Micellaneous	158.18	158.18	....	....	....
Total Supplies	$268,679.36	$257,303.11	$10,414.51	$318.72	$643.02

McLean Hospital. — Table No. 1 (*continued*)

	Total	McLean Hospital	General Hospital	Private Ward	Convalescent Hospital
Receipts					
Board of Patients	$391,983.65	$391,983.65	....	....	....
Private Drives	2,770.00	2,770.00	....	....	....
Purchases for Patients	21,099.22	21,099.22	....	....	....
Nurses' Uniforms and Equipment	1,240.97	1,240.97	....	....	....
Miscellaneous	5,080.76	5,080.76	....	....	....
Total Hospital Receipts	$422,174.60	$422,174.60	....	....	....

SUMMARY ADMINISTRATION ACCOUNT NO. 2

	Total	McLean Hospital	General Hospital	Private Ward	Convalescent Hospital
Salaries and Wages	$171,357.84	$170,495.76	$419.96	$4.64	$437.48
Supplies	268,679.36	257,303.11	10,414.51	318.72	643.02
Corporation Expenses, Insurance, Pensions paid by Treasurer	9,735.41	9,735.41	....	....	....
Total Expenses	$449,772.61	$437,534.28	$10,834.47	$323.36	$1,080.50
Total Hospital Receipts	$422,174.60	$422,174.60	....	....	....
From Treasurer	29,000.00	....	....	....	....
Corporation Expenses, Insurance and Pensions, paid by Treasurer	9,735.41	....	....	....	....
Total Receipts	$460,910.01	....	....	....	....
Cash on hand, January 1, Debit $2,864.15	....	....	....	....	....
Cash on hand December 31, 8,273.25	11,137.40	....	....	....	....
Total	$449,772.61	....	....	....	....

SUMMARY ADMINISTRATION ACCOUNTS NOS. 1 AND 2

	Total	General Hospital	Out-Patient Dept.	Private Ward	Consultation Clinic	Convalescent Hospital	McLean Hospital	Eye & Ear Infirmary
Total Expenses Account No. 1	$693,915.97	$492,884.71	$110,543.67	$60,235.38	$6,794.01	$3,200.45	$3,946.09	$16,311.66
Total Expenses Account No. 2	449,772.61	10,834.47	....	323.36	....	1,080.50	437,534.28	....
Grand Total Expenses	$1,143,688.58	$503,719.18	$110,543.67	$60,558.74	$6,794.01	$4,280.95	$441,480.37	$16,311.66
Total Receipts, Account No. 1	$353,356.11	$183,763.43	$99,872.13	$44,481.88	$6,922.00	$2,005.01	....	$16,311.66
Total Receipts, Account No. 2	422,174.60	....	....	....	....	....	$422,174.60	....
Grand Total Receipts	$775,530.71	$183,763.43	$99,872.13	$44,481.88	$6,922.00	$2,005.01	$422,174.60	$16,311.66

STATEMENT OF STOCK ON HAND

	1917	1916
Administration Supplies	$4,136.28	$3,600.93
Professional Care of Patients' Supplies	17,520.40	9,918.80
Department Supplies	39,499.39	29,636.05
General House and Property Supplies	7,592.10	5,806.07
General Material	4,331.99	2,736.38
Private Ward	4,296.52	
Total Stock on hand January 1	$77,376.68	$51,698.23

McLEAN HOSPITAL

Table No. 2

COMPARATIVE STATEMENT OF STATISTICS

		1917		1916
Patients in Hospital first of year		203		205
Patients on visit first of year		10		8
		213		213
Patients admitted during year		144		133
Patients discharged during year		142		133
Not insane	4		7	
Recovered	43		34	
Much improved	14		22	
Improved	30		24	
Not improved	36		22	
Deceased	15		24	
Patients in Hospital end of year		209		203
Patients on visit end of year		6		10
		215		213
Total number days' treatment		77,128		76,477
Free patients		696		1,036
Patients paying less than $30		25,469		36,872
Patients paying $30 or more		50,963		38,569
Average patients per day		211		209
Free patients		2		3
Patients paying less than $30		70		101
Patients paying $30 or more		139		105
Average rate of board charged per week		$36.33		$32.37
Average cost per patient per week		36.89		33.25
Daily cost *per capita* for provisions for all persons supported		0.675		0.615

REPORT OF THE LADIES' VISITING COMMITTEE

Members of the Ladies' Visiting Committee have visited the wards of the hospital throughout the year and in their efforts to give personal service to the patients they have co-operated with the social workers in the wards. They have endeavored to assist in the work of Miss Brackett and the Tide Over League in providing occupation for the patients. They have extended their visits to the ward established in the Medico-Mechanical Room where patients from the Naval Hospital have been received.

This Committee has contributed, as formerly, to the salary of the social worker in the wards. The salary of an additional worker, who was greatly needed, has been paid by a member of the Committee. As a result of an appeal for a fund sent out last spring by this Committee for the Hospital Unit $5,480 was raised. $5,000 was given to Dr. Washburn for emergency supplies when the Unit left for France. The Committee is holding the $480 as a nucleus for a second fund which they hope to send later.

The Warren Library, which now consists of 3012 volumes, has been a means of relaxation and pleasure for many workers in the hospital as well as for the patients. The total issues were 17,185, an increase over last year of 1,448. Twenty-four books only have been lost. Dr. Richard C. Cabot has again contributed $50 for the purchase of books, and other friends of the Library have contributed books and magazines. These gifts are greatly appreciated. Last March a small reading room adjoining the Library was opened, which

has been constantly used by the nurses and other employees.

This Committee wishes to express their appreciation of the assistance they have received from the officers of the hospital and from the various workers with whom they have come in contact.

CHARLOTTE S. SPRAGUE,
Secretary.

REPORT OF THE ADVISORY COMMITTEE ON THE GENERAL HOSPITAL TRAINING SCHOOL

THOUGH this is the report for the year 1917, we cannot fail to speak of the great loss that came to us in the very early days of 1918 by the death of Mrs. Whiteside. A member of our Committee from its beginning, her deep unfailing interest in the Hospital and the Training School made her an invaluable and inspiring associate, one never to be forgotten. Her keen sympathy, her humanity, her shrewd common sense allied with native humor, made work with her always delightful and her quick understanding of youth made her relations with the nurses invaluable to them. The Hospital and the Training School lose in her a devoted friend and helper.

In this first year of our entrance into the war, we must not waste time and paper on long reports, neither must we fail to put before our friends and the public the work that goes on quietly and faithfully and beg them not to forget our needs, and that much as we must help every need caused by the war, yet the call to help the sick and suffering at our own doors must never be put aside.

The Training School for Nurses is in good and sound condition, steadily pursuing its course and growing in its work and training.

The war has caused an unusual number of applications for entrance, in hopes of serving " over there "; their quality is good and we are able to secure the best of them, but have declined to receive Germans and Austrians during the war.

In June last, Miss Parsons, the head of the Training School, went over with the Unit from this Hospital under Dr. Washburn. It was a great momentary disorganization to have her leave, taking with her so many of the nurses, but Miss Wood, the first assistant, who took Miss Parson's place, soon most capably brought all in order and the work goes on smoothly.

A great and crying need for the nurses is the introduction of heat into the old Nurses' Home, where the bedrooms are entirely unheated. But above all, we need more housing room. As we have quite outgrown the means of housing in the hospital grounds, in the Thayer and the New Home, we have been obliged to go back to two houses in Charles Street owned by the hospital, which means a long walk to and fro and has certain difficulties of oversight in the houses. The dining room is very limited for our use, but the cafeteria system lately started for breakfast and lunch is a great gain.

We beg our friends will remember that to give a good training for nurses, like all our other valuable things, costs money, and we need help to maintain that high standard which is the glory of our Hospital.

ELLEN T. VAUGHAN,
For the Committee.

REPORT OF THE SUPERINTENDENT OF NURSES TO THE RESIDENT PHYSICIAN

December 31, 1917

Number of graduates in school	30
Number of pupil nurses	182
Number of probationers	30
Number of affiliated nurses	9
Number of post-graduate students	3
Total	254

Graduated in 1917	45
Probationers admitted	86
Probationers accepted	43
Probationers still in school	30
Probationers dropped	13
Pupils withdrawn or dropped	13

Thirty-five nurses have taken affiliated courses with us during the year, having come from the following hospitals: Children's Hospital, Boston; Faulkner Hospital, Jamaica Plain; J. B. Thomas Hospital, Peabody; Franklin Hospital, Franklin, N. H.; Sturdy Memorial Hospital, North Attleboro; North Adams Hospital, North Adams. Three post-graduate pupils have been admitted for the eighteen months' course, and two post-graduates from other hospitals have taken the six months' course.

We continue our affiliations with McLean Hospital, Waverley; the Wesson Maternity Hospital, Springfield; the Boston Lying-In Hospital, Boston; the Massachusetts Charitable Eye and Ear Infirmary, Boston; and the District Nursing Association, Boston. The opening of the Phillips House has taken 17 pupil

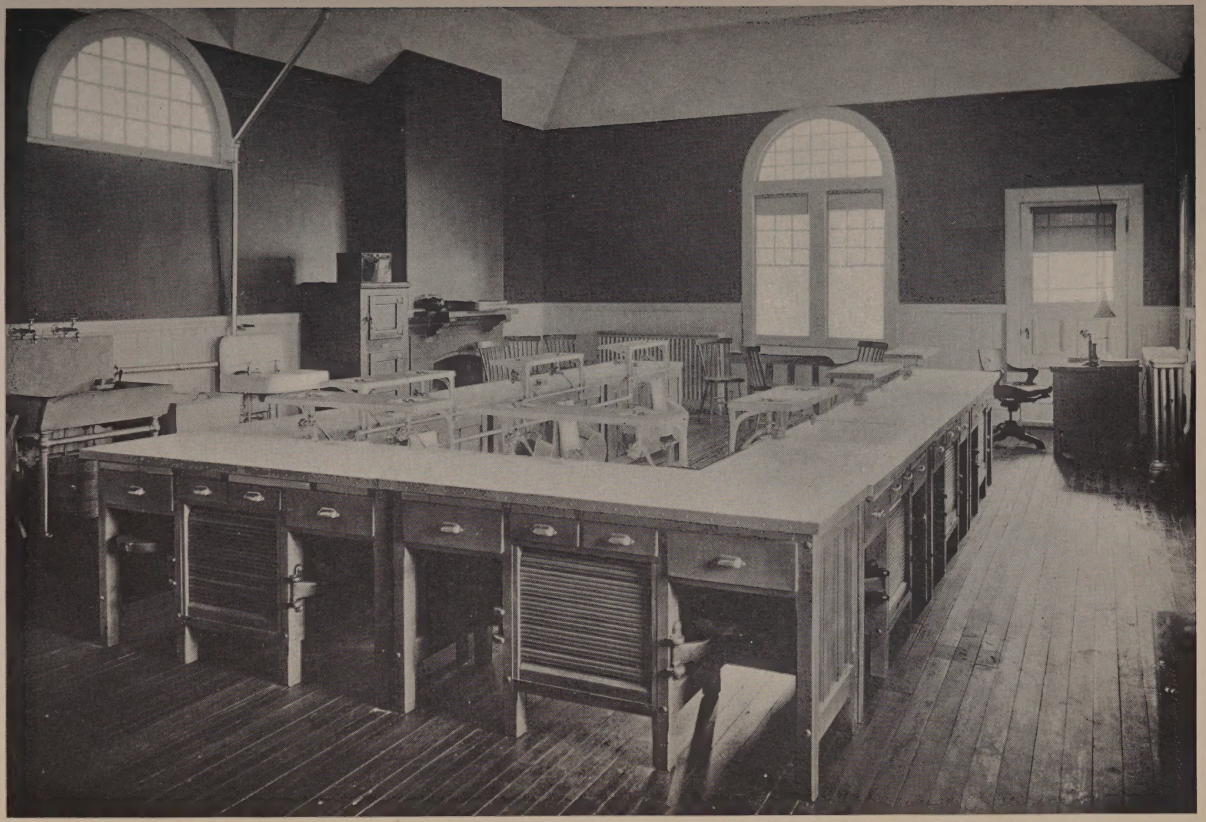
nurses for regular duty; and we expect more as that department grows. The course at the Boston Lying-In Hospital has been changed from a six months' to a four months' course; and we are to increase the number of nurses sent there at one time from two to six pupils, beginning January, 1918.

In the Dietetic Department our teaching facilities have been much increased by the fitting up of the old lodge, near the Blossom Street gate, as a cooking laboratory, which can accommodate 16 pupils at a time. Having this available space not in use for other purposes, it has been possible to have larger cooking classes and to equip our nurses in this branch of their theory and practice at a much earlier period in their course.

The use of the Charles Street Home for the younger nurses has proved to be such a permanent arrangement, until such time as we shall have another adequately equipped home, that it has seemed wise to have a matron appointed in charge of it. Since the war began, there has been a very definite increase in the studying of nursing and we have had an unusual number of eligible applicants. The war has drawn graduates from every phase of nursing in this country, and in order to meet this shortage our school, with others, has enlarged the classes when possible. Many applicants whom we could not accept have been recommended to other schools.

As a matter of economy and in order to give valuable executive experience to suitable nurses, we have placed pupil head nurses in charge of all the open wards and in certain departments of the Out-Patient Department.

During the summer months 74 nurses' aids, young women who have been enrolled under the American Red Cross to be on call for volunteer work in our hospitals in case of need, have been admitted to our wards for ten days of practice work, assisting the nurses in their various routine duties.



DIET LABORATORY

Eighteen of the 45 nurses who graduated in 1917 have gone into institutional work; 10 are doing private work; 2 have gone into the public health field; and 8 are abroad in either the British or American Expeditionary Force. During the past year 21 have gone from the hospital into war relief work, either directly after graduation, or resigning from the staff for this purpose. Those indicated (*) left Boston on June 29, 1917, in a body of 65 nurses, with Miss Parsons as Chief Nurse, to mobilize for service under the American Expeditionary Force in France, as United States Army Base Hospital No. 6. Their going has made many changes in the staff of the Training School, but other graduates have very loyally filled their places and the work of the school continues very nearly on the same general lines as of last year. They are as follows:

*Mildred Banta	1915	Amer. Red Cross
*Maude Barton	1917	Amer. Red Cross
Bessie Brown	1916	Brit. Exped. Force
Helen Boylston	1917	Brit. Exped. Force
*Alice Buchanan	1915	Amer. Red Cross
*Catherine Conrick	1913	Amer. Red Cross
*Bernadette Cormier	1915	Amer. Red Cross
*Mary F. Emery	1914	Amer. Red Cross
*Lucy Fletcher	1916	Amer. Red Cross
*Helen Judd	1916	Amer. Red Cross
*May R. Kelley	1916	Amer. Red Cross
*Frances Ladd	1911	Amer. Red Cross
*Barbara E. Macleod	1915	Amer. Red Cross
*Glee Marshall	1914	Amer. Red Cross
*Margaret Matheson	1912	Amer. Red Cross
*Olga Olsen	1915	Amer. Red Cross
*Sara E. Parsons	1893	Amer. Red Cross
*Margaret Reilly	1916	Amer. Red Cross
*Rosa Shayeb	1915	Amer. Red Cross
*Alice Townsend	1916	Amer. Red Cross
Katherine VanBuskirk	1917	Brit. Exped. Force

On December 7, 1917, six of the Training School staff answered the call for need in Halifax and were given a temporary leave-of-absence for that purpose.

The Training School Endowment Fund, which has grown more slowly during the past year than the year previous, continues to be supported mainly by graduates and has reached the sum of $4,126.84.

Respectfully submitted,

HELEN WOOD,
Acting Superintendent of Nurses.

MASSACHUSETTS GENERAL HOSPITAL TRAINING SCHOOL FOR NURSES

A THREE-YEAR course is maintained, including a four-month preliminary course, during which time the probationers receive instruction in the classroom.

The pupils receive experience in general, medical, surgical and obstetrical work; also operating technique, dietetics, massage and bandaging. Pediatrics, orthopedic and several other branches also receive attention.

Classes and lectures on physiology, anatomy, bacteriology, materia medica, hygiene and sanitation are given by paid instructors.

Personal applications should be made whenever possible on Wednesdays, from 10 A.M. to 1 P.M.

It is well to write previously to the Superintendent of the Training School for the circular of information.

There is a nonpayment system. A tuition fee of forty dollars ($40.00) is paid upon entrance for the preliminary course. A deposit of ten dollars ($10.00) is made for breakage, the balance of which is refunded at graduation. The Hospital furnishes the text-books and the uniforms. There are three scholarships offered yearly to those students who attain the highest average.

There is no arbitrary age limit — acceptance depends upon education, physique and personal qualifications.

A high-school education or a good equivalent is required, with an elementary knowledge of Latin, physiology and chemistry.

There are attractive special courses, affiliations and post-graduate opportunities.

For further particulars apply to the Superintendent of the Training School.

ANNUAL REPORT OF THE TREADWELL LIBRARY

As everywhere else, the great war is making itself felt in the Library. Twice during the year work has been cut down, and we now have a force of clerks diminished by three. While the Library itself is feeling this keenly, especially in the matter of cataloguing, the Record Room is perhaps the more severe sufferer. Much detail inspection, which insured (as nearly as possible) accuracy in our records, has been dropped, and the clinical catalogue is reduced to a mere index with no cross referencing. Of course this is temporary, owing to extreme conditions, and it is hoped that in time it may be possible to go back and fill in omissions. Follow-up work has ceased entirely, a matter of serious importance. The clerks who remain on duty are those who have served the longest, and their energy and faithfulness during trying months is a cause of much gratitude on the part of their director. Two volunteers from the Red Cross Special Aid have given most efficient assistance for some months; one helping a part of the time during the late summer, and later giving a few hours one day of every week, and the other giving one or two hours every day for special work. Hearty thanks are due them.

A number of Army and Navy manuals have been added to the shelves, and also books on subjects allied to the war; among the latter a set of French books known as the "Collection Horizon," presented by Mr. C. H. W. Foster. The list of war bibliography, begun in 1916, has been very largely augmented, and

at the request of the American Red Cross was supplied in full to Headquarters at Washington, where it was mimeographed and sent to all base hospitals and cantonments in the country. Additional references are sent to Washington every week. Men who have been attending classes in Boston in connection with the Army Medical School have made extensive use of the Library; during November there were 418 readers, the largest number for any one month during the year. English periodicals have reached us with almost the usual regularity; certain French journals which ceased publication at an early period of the war have been resumed, and are now coming with others quite promptly. The German journals have, of course, ceased entirely.

Through the untiring efforts of Miss Jones, Librarian at the McLean Hospital, boxes of books, magazines, etc., have been sent to our Base Hospital in France for use among the personnel of the Unit and among its patients; and towards these boxes there has been contributed since August 1, through the Treadwell Library, the following:

Books 109, + 2 boxes (unopened)
Magazine stories (separately bound), 20
Magazines (odd numbers), 150
Full subscription to the Outlook
Picture puzzles, 13
Bundles of pictures for scrap-books
Several packages of picture postal cards
Money, $25.00.

In February a large oil portrait of Dr. James Jackson was presented to the Library by his descendants. This hangs at one end of the main reading room opposite the portrait of Dr. John C. Warren. A photograph of the portrait of Dr. Henry J. Bigelow which hangs at the Harvard Medical School was presented by Dr. Freeman Allen. In March, Miss Ida M. Cannon gave a silk flag, which hangs from a staff in the main reading room. Mr. N. T. Kidder has given two old

lithographs, one of the Massachusetts General Hospital in 1846, and one of the New Massachusetts Medical College of the same date. Thirteen copies of the Massachusetts General Hospital annual reports of early dates have been sent to us. These were especially acceptable, as several of the oldest reports are very scarce. Dr. Warren has given an old book on Lowell's Hip Joint, together with a pamphlet of recent date in regard to the same famous case, the first dislocation of the hip joint ever treated in this hospital. General F. H. Appleton has given a framed group picture of the "head of the column," as our Base Hospital Unit marched to Trinity Church on the occasion of the dedication of its flag.

Gifts of books have been received from the following:

Mr. N. T. Kidder
Dr. F. A. Washburn
Dr. C. A. Porter
Dr. R. I. Lee
Dr. G. W. Holmes
Dr. C. H. Bucholz
Dr. A. W. Sellards
Dr. Robert Soutter
Dr. E. P. Joslin
Mrs. W. J. Dodd
Dr. C. A. Wood
Dr. T. E. Satterthwaite
Dr. Walter E. Burket
Dr. David Hadden
Carnegie Endowment for International Peace
Cornell University
Harvard College
Lane Medical Library
Medical Library Association
Ohio Agricultural Experiment Station
Rockefeller Foundation
Rockefeller Institute for Medical Research
University of Michigan

A large number of books and pamphlets have been sent in by Dr. D. L. Edsall, but as yet the Librarian has had no opportunity to go over them and can make no detailed report of the same. Transactions of various Societies have been received and many reprints; also government publications, both national and municipal, for which the thanks of the Library are hereby expressed.

Following are the statistics for the year:

Library

INCREASE

Number of periodicals at beginning of year		4,230
Number of other volumes at beginning of year		5,176
Number of periodical volumes added during the year	91	
Number of other volumes added during the year	156	247
		9,653
Number of periodical volumes lost or withdrawn during the year	0	
Number of other volumes lost during the year	1	1
Total number of volumes at end of year		9,652
Number of pamphlets at beginning of the year		8,422
Number of pamphlets added during the year	880	
Number of pamphlets withdrawn during the year	113	767
Total number of pamphlets at end of year		9,189
Total number of current serials and periodicals		70

USE

Total number of volumes lent for home use	231
Number of restricted loans (over night, 24 hours)	66
Number of interlibrary loans	0
Recorded use in reading rooms (not recorded)	
Total attendance of readers	3,201
Evening attendance of readers	560
(Library not open evenings after Sept. 1, 1917)	

RECEIPTS FROM

Fees of members (no assessment)	
Trust funds (approximate)	$225.00
Gifts	0
Other sources	
(Balance of expenses paid by the hospital)	

PAYMENTS FOR

Books	$57.25
Periodicals	376.32
Binding	92.30
Completion of files	1.20
Salaries	1,620.00
Other maintenance	33.60+
Total	$2,180.67+

Records

Number of volumes indexed and prepared for binding		209
Cards written:		
For clinical catalogue	8,919	
For name catalogue	7,554	
Total		16,473
Number of Records copied or abstracted		1,965
Number of individuals consulting Records		2,621
Follow-up work: Number of communications sent out:		
Year-ago letters	2,046	
Group cases: letters	671	
postal cards	28	
Total		2,746

(Follow-up work discontinued Sept. 1, 1917)

Respectfully submitted,

Grace W. Myers,
Librarian.

REPORT OF THE CHIEF OF HOSPITAL SOCIAL SERVICE TO THE RESIDENT PHYSICIAN

EIGHT hundred and eight patients have been referred to this department during the year from the doctors, nurses and admitting office. Two medical groups are now referred to the Social Service Department almost as a matter of routine. These are patients with tuberculosis and with carcinoma. While no patients are admitted to the wards if known to have open tuberculosis of the lungs, this year 74 patients were referred who were found after admission to have affected lungs or question of such infection. It is the function of the social worker to arrange for sanatorium or suitable home care for these patients. The urgency of their discharge from the hospital means that interim care must often be arranged until there are vacancies in the sanatoria.

Many of the 105 carcinoma patients who were referred needed care in institutions for chronic patients. A policy has been established this year by which all cancer patients referred from the Massachusetts General Hospital to the Collis P. Huntington Hospital are referred through this department. Arrangements for ward or out-patient care are made according to medical advice. The social plan for the patient is made at least tentatively before transfer and a summary of the social situation sent to the social worker at Huntington Hospital. The responsibility for social supervision is determined after consultation. If transferred socially the social worker at the Huntington Hospital carries

the entire social responsibility. If referred, the social responsibility still rests in our department and the Huntington Hospital social worker is asked to be responsible merely for the medical follow-up.

Plans were made early in the year to establish a medical-social clinic for patients with chronic heart disease. These patients have been recurrently admitted to the wards and their treatment both medical and social has been most unsatisfactory. We had hoped to place a special worker in Dr. White's clinic, but these plans had to be set aside because of the war. These patients greatly need consistent medical supervision and careful social supervision, and it is hoped that our plans are merely postponed.

The closing of the Convalescent Hospital at Waverley has increased considerably the work of the department. There is in Massachusetts no other convalescent hospital that will admit men. Many patients are referred who cannot return to work for a week or two after discharge from the hospital, and many of these have no suitable home in which to properly convalesce. The arrangements for temporary care such as the workers can make are far from satisfactory.

The diabetic work reported on last year has been placed in the hands of a competent volunteer who is carrying on the clinical instructions very satisfactorily.

Through the generosity of one of the Lady Visitors and the trustees of the Permanent Charity Fund, the department has added one apprentice assistant to Miss Emerson and has not had to curtail the regular staff. This is a matter of sincere gratitude, for we realize that the stress of the times comes hardest on those who are both sick and poor, and we hope to be able to carry the department through the period of the war without curtailing the necessary work or lowering the standard of the service.

In March, the department's quarters were transferred from the small room in the old Bulfinch

Building to the two rooms formerly used for the Accident Service. This generous increase in space in a more central location has greatly added to the comfort and efficiency of the department.

Respectfully submitted,

IDA M. CANNON,
Chief of Hospital Social Service.

REPORT OF THE SOCIAL SERVICE IN THE OUT-PATIENT DEPARTMENT

We have no new developments to report in the Out-Patient Social Service Department. Plans for growth that were under consideration at the beginning of the year have been set aside because of war conditions.

Social service for the group of infantile paralysis patients of last year's epidemic has been maintained steadily through the year by means of special donations. The group, consisting of 138 patients a year ago, has increased to 183. The marked improvement, both in the general condition and muscular development of these patients, has justified the careful medical and social supervision they have received. We hope to maintain active social service in this clinic for at least six months longer.

The Industrial Clinic was discontinued in June because of Dr. Wade Wright's departure to France with the Massachusetts General Hospital Unit. Two social workers from this clinic have since been employed by the Sub-Committee on Industrial Fatigue of the Committee on Labor of the Advisory Commission of the Council of National Defense, of which Dr. Frederic S. Lee is Executive Secretary.

Social service in the South Medical clinic has done an increased amount of work in no way related to the fact that our country is at war, although a new type of problem is coming out of the war. The attendance of old patients at clinic has increased under social follow-up over 300 visits a month, and is greater in proportion than the increase in new patients admitted to the clinic. Social service has been closely affiliated with the medical staff of this clinic in teaching nurses, social workers and medical students. Three articles by Miss Lewis have been published during the year:

What the State is doing for the Syphilitic at the State Infirmary at Tewksbury; Boston Medical & Surgical Journal, March 15, 1917. Emergency Social Service behind the Lines; Smith College Quarterly. Wanted —A Home Guard; (Social) Intercollegiate Community Service Quarterly.

Ten pupil nurses from the Training School, ten first-year students and eleven post-graduate students from the Boston School of Social Work, have had experience in medical social service under supervision of our staff of workers during the year.

Descriptive reports of the general work of the department have been published separately and may be secured on application.

The war has claimed the services of several of our Supervisory Committee. Dr. Cabot, Dr. Osgood, Dr. Lee and Dr. Washburn have gone to hospital work in France. Dr. Cabot is organizing dispensaries for the refugees. Mrs. Thayer is Chairman of the Massachusetts Division of the Women's Committee of the Council of National Defense. Mrs. Lothrop heads the Department of Civilian Relief of the New England Division of the American Red Cross. The depleted committee has been re-enforced by Mrs. Charles E. Mason, Miss Frances R. Morse, Dr. Low, Dr. Taylor, and Dr. George R. Minot, whose services are greatly appreciated. Our sincere aim for the coming year is to maintain the standard and strength of the work that has been built up during the twelve years of its existence.

The Out-Patient Social Service Department is supported entirely by subscriptions, supplemented by the income of a small endowment. The Committee earnestly appeals for annual subscriptions, and would welcome additions to the endowment fund.

Respectfully submitted,

IDA M. CANNON,
Chief of Hospital Social Service.

RULES FOR ADMISSION, ETC.

Applications for admission of all patients, except to Phillips House, should be made at The Moseley Memorial Building, Fruit Street, at North Grove Street, Boston, on week days between the hours of 9 A.M. and 3 P.M.

Emergencies and recent accidents admitted at all hours.

Applications from a distance should be made in writing, accompanied by a full description of the case by the attending physician, with reason of the physician for thinking hospital treatment desirable, and when a free bed is needed, by a statement of the pecuniary condition of the patient. Always wait for a reply before sending the patient.

Contagious cases are not admitted to the hospital, and only such chronic cases as can be partially relieved by temporary treatment.

Paying patients in rooms will be charged $35 per week. In the general wards the rate of board to paying patients is $17.50 per week. These rates, covering only expenses of board and lodging, may be increased or abated in individual cases by the Resident Physician.

In cases requiring gratuitous treatment no charge will be made.

An ambulance, accompanied by a medical officer, will be despatched to any point within the city proper for the conveyance of cases of accident or urgent sickness, not contagious, to this hospital, or elsewhere, upon notice from a physician, the police, or other respon-

sible source, subject to the approval of the Resident Physician.

The Out-Patient Department is for the poor only and is open from 8.30 to 10 in the morning, Sundays and holidays excepted.

Phillips House. All inquiries concerning the admission of private patients should be made to the Resident Physician, Massachusetts General Hospital.

There is a separate entrance for this department at 265 Charles Street. Telephone service is also separate. All inquiries for private patients should be made through "Haymarket," 4490, and not through the regular hospital exchange.

Ambulance service is provided.

The private ward is for the treatment of general medical and surgical diseases and obstetrical cases. Babies, contagious diseases, and cases of alcoholism and drug habit are not admitted.

Patients in the Phillips House may be attended only by members of the staff and alumni of the hospital.

SCALE OF FEET
0 100 200 300 400 500 600 700
FITCHBURG DIV. B. & M. R. R.
ELLSWORTH AVE.
ROAD
GARDEN
ROAD
ROAD
ROAD

GROUNDS OF
Mc. LEAN HOSPITAL
CONVALESCENT HOSPITAL
— AND —
PROPOSED COUNTRY BRANCH
OF THE GENERAL HOSPITAL
Area 317.8 ± Acres
A Pierce Building
B Upham Memorial for Men
C Belknap House " "
D Proctor House " "
E Bowditch House " "
F Gymnasium " "
G Belknap House for Women
H Appleton House " "
I East House " "
J Wyman House " "
K Codman House " "
L Gymnasium " "
M Hope Cottage " "
N Cottage for one Patient
N' Arlington House
O The Samuel Eliot Memorial Chapel
P Entertainment Hall, Kitchen and Laboratory
Q Superintendent
R Assistant Physician
S Cottage
1 Pumping, Heating and Electric Station
2 Stables
3 Gate Lodges
4 Farm House and Stable
5 Green Houses
6 Cow Barns
7 Piggeries
8 Springs
9 Coal Pockets
10 New Farm Stable
11 Milk House
WALTHAM
Beaver Brook
WINTER ST.
CONCORD TURNPIKE
Burdikine
Site of the Proposed Country Branch of the General Hospital
MILL STREET
MASS. GEN. HOSPITAL CONVALESCENT HOSPITAL
TRAPELO ROAD
PLEASANT STREET
CENTRAL MASS. DIV. B. & M. R. R.
FITCHBURG DIV. B. & M. R. R.

ONE HUNDREDTH REPORT OF THE SUPERINTENDENT OF THE McLEAN HOSPITAL

To the Trustees of the Massachusetts General Hospital:

The following report of the McLean Hospital for the year 1917 is respectfully submitted:

One hundred and forty-four patients were admitted, 142 were discharged, and 209 remained in the hospital at the end of the calendar year. The whole number under treatment was 357. The daily average was 211, which is 2 more than that of last year. The recoveries were 29.9 per cent of the admissions and 30.2 per cent of the dismissals. Of the 144 admissions 72 were primarily voluntary patients, and 7 became such by signing an application to remain under care and treatment at the expiration of a legal period of observation. Of these 79 voluntary patients 4 were committed because of a formal request for discharge which could not properly be granted. There remained on this basis at the end of the year 65 persons, 23 men and 42 women, the same number as last year. During the year 14 patients were admitted for temporary care (Acts 1915, chap. 174), 2 more than last year. Of these 7 made a voluntary application to remain in the hospital, 6 were formally committed, and one remained at the end of the year. Of the 144 patients admitted 13 came from hospitals in Massachusetts and 3 from hospitals in other States. In addition to these 11 were received from the Psychopathic Department of the Boston State Hospital, to which they had been admitted for observation.

The statistical tables appearing later in this report are for the year ending September 30, and are in the forms suggested by the Statistical Committee of the American Medico-Psychological Association, which

have been adopted by the Massachusetts State Commission on Mental Diseases. Forms one and two are omitted since they are not required of private hospitals.

The medical work of the year presents some features of interest. Active treatment of cases of general paralysis both by intra-venous and intra-ventricular methods has been pursued, but it has not yielded such results as its more enthusiastic advocates have reported. It is probable that in time, allowance being made for remissions, relapses, and errors of diagnosis, these optimistic reports of improvement and even recovery will be somewhat modified. It is probable, too, that in well-marked and advanced cases arrest of the process only can be expected and the mental condition of the patient will then be according to the degree of damage to the cerebral cortex. He might be left at a fairly high level of mentality, but there probably would be evidence of more or less deterioration. The most promising field is that of prevention. When a patient has a positive Wassermann of the spinal fluid but does not present mental or physical signs of general paralysis, the most vigorous treatment is indicated with the possibility of a favorable result. Earlier treatment, before the central nervous system is invaded, would be still more likely to be successful. What the effect of the use of salvarsan and methods of intensive treatment will have on lessening the number of cases of general paralysis remains to be seen and will not be determined for some years to come.

A most interesting and gratifying incident was the successful treatment of a case of cerebro-spinal meningitis by intra-spinal and intra-ventricular administration of anti-meningitis serum. It is thought to be the first instance of the successful treatment of an adult by this method in this country. A Psychiatric Clinic, conducted by the McLean Hospital, was opened in the Out-Patient Department of the Massachusetts

General Hospital April 14. It was discontinued August 11, because of the enlistment of Dr. Abbot and the prospect of a further material reduction in the number of the medical staff.

Enlistment of one-half the medical staff has limited and will continue to limit the medical work of the hospital, especially in the laboratories. One must be content till a peace is conquered with what is absolutely essential; case-histories may be shorter, records less elaborate, perhaps with judgments given instead of all the data on which such judgments are based, but the medical care and treatment of the patients themselves should not suffer.

The Middlesex South District Medical Society held its semi-annual meeting at the hospital by invitation on the second Wednesday in October with one hundred and fifty in attendance. A paper was read by Dr. Packard, "Suggestions on the Care and Treatment of Mental Cases"; and Dr. Hoch reported the case of cerebro-spinal meningitis above mentioned.

The following is a list of articles written by the hospital staff and published during the year:

Dr. Abbot:

"The Dynamic Value of Content," Journal of Philosophy, Psychology, and Scientific Methods; "The Mechanism of Paranoia," Journal of Nervous and Mental Diseases.

Dr. Wells:

Original Articles: "Mental Adaptation," Mental Hygiene; "Alternative Methods for Mental Examiners," Journal of Applied Psychology; "Aphasic Performance in the Terman Vocabulary Test," Journal of Educational Psychology; "A Summary of Material on the Topical Community of Primitive and Pathological Symbols," Psychoanalytic Review.

Reviews: Lahy, "Le Systeme Taylor," Journal of Philosophy; W. F. Prince, "The Doris Case of Quintuple Personality," Psychiatric Bulletin; Wm. A. White, "Mechanisms of Character Formation," American Journal of Insanity; Kite, Binet-Simon, "The Intelligence of the Feeble Minded," Psychological Bulletin; Hollingworth, "Vocational Psychology," School and Society; Pitner, Paterson,

"A Scale of Performance Tests," Journal of Philosophy, Psychology, and Scientific Methods.

Numerous Abstracts of Literature.

Miss Jones:

"War Reading," Bulletin of Bibliography; "Hospital Library Economics," Chicago Medical Recorder.

During the year a book by Dr. Wells, "Mental Adjustments," appeared in the Conduct of Mind Series, edited by Joseph Jastrow, Ph.D., published by D. Appleton & Co. It is of eight chapters and 331 pages. In his introduction Dr. Jastrow says: "Dr. Wells reflects his professional interest in the disqualifications and liabilities of the abnormal mind; his training is equally adequate in the study of experimental problems among the normal. Each reënforces the other and gives to his conclusions an added value. The work should find its place as an aid to the general reader, as a guide to the psychological student, whatever his practical interests or his professional purpose may be. Ideas irregularly scattered through the technical literature are here brought together, with much original interpretation, into a consistent whole."

The hospital is taking an active part in work for the War. The Medical Superintendent is chairman of an auxiliary committee of the Council of National Defense; Dr. Packard and Dr. Whitney are members of Advisory Medical Boards; classes in "First Aid" under direction of the Red Cross have been held by Dr. Hoch and Dr. Otis; three members of the medical staff have enlisted in the Medical Officers' Reserve Corps; Dr. Abbot entering as a Captain has been promoted, and is now a Major in charge of the Neuropsychiatric Unit of the Base Hospital at Camp Sherman, Ohio; Dr. Otis is a First Lieutenant, stationed at Fort Slocum, N. Y.; Dr. Fiege, also a First Lieutenant, awaits orders. Dr. Wells, a Captain in the Signal Reserve Corps, is President of Aviation Examining Board No. 1, Boston.

Nineteen men nurses have entered the service directly from the hospital and thirty other graduate nurses have joined the Colors. Seven of this thirty are physicians and are members of the Medical Officers' Reserve Corps. Twenty-six women graduates are or have been in war service as nurses and four still await mobilization of a Psychiatric Unit. Most of the men nurses enlisted in the Medical Department, where they can render their most efficient service. In addition to these, seven men from other departments have entered the army or navy.

Mention should be made of the great amount of work done by the women of the hospital who formerly worked for the Allies but whose efforts have been redoubled since the United States entered the war in knitting socks, sweaters, helmets, mufflers, and other useful articles for our own army and navy. Some of them have been sent to individuals in Canada and in France, some have been used to outfit men who enlisted from the hospital and from the village, the remainder have been sent to the Navy League and the Red Cross. The hospital also has gladly joined in the movement for food conservation by observing wheatless and meatless days, and more recently in a limitation of the use of sugar.

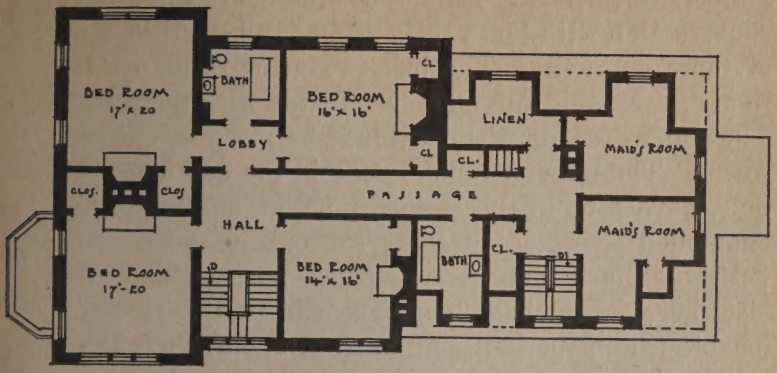
The libraries have been administered with due regard for economy. Many of the periodicals have been discontinued of necessity, because it was impossible to obtain them, others from choice. The total amount expended for books and periodicals for the general medical and the laboratory libraries was $158.87. One hundred and ninety-four books were added to the patients' library at a cost of $230.29. There was a saving of $362.86 in the library account as compared with last year.

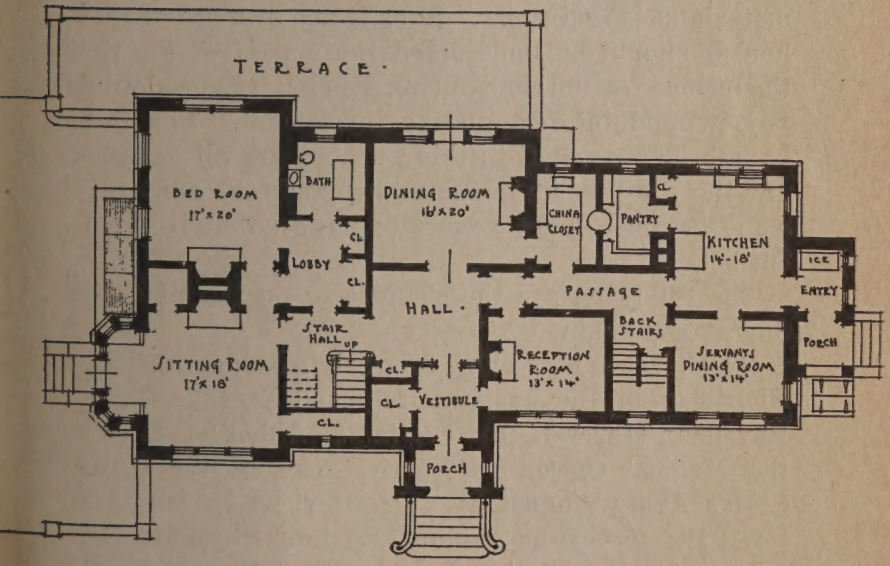
The patients of the hospital for another year have been the recipients of the bounty of Miss Sarah C. M. Lovering, from the trustees of whose estate the sum

of $1,500 was contributed "to promote their comfort and happiness." This has been expended as in former years, so far as possible, for substantial and lasting benefits. A sun-room was made at the East House by screening and glazing a south piazza; a summer room was made on the terrace of the Codman House with screens and awning, and both rooms were provided with suitable rugs and willow furniture upholstered with attractive coverings. A portion of the bequest was expended for material for the handicraft rooms, for books and vases, for the maintenance of tennis and golf, and for a simplex cinematograph.

The art room proper in the women's gymnasium has been renovated, and its walls, as well as all the rooms in this house and the men's gymnasium, have been hung throughout the year with loans from friends of the hospital. In addition to those remaining from earlier loans, nine pastels and one oil by May Hallowell Loud were loaned by Mr. J. P. Loud; four oils by Harold C. Dunbar and ten oils by Mary B. Titcomb were loaned by the artists; twenty-eight oils by William Stone were loaned by Mrs. Alice M. Stone. A large collection of water-color sketches by Alice M. Curtis, also photographs and etchings collected by her, were presented by Miss Olivia Y. Bowditch, executor of her estate. Forty-seven of the water-colors and seven etchings were framed, and after exhibition in the art room were distributed in the patients' rooms of the Appleton, Upham, Men's and Women's Belknap Houses, where they add very materially to the attractiveness of the rooms and set a higher standard of art than the hospital could afford to purchase.

Plans of the first and second floors of the Arlington House are here given. This house, designed by Messrs. Peabody and Stearns, is of fire-proof construction. The exterior is of brick, with trimmings of granite and Indiana limestone, and the slate of the roof are laid in elastic cement and bolted directly to a steel





ARLINGTON HOUSE

frame. Cornices are of metal. The floors are of steel construction with terra cotta arches; all partitions are of terra cotta tile. The brick exterior walls are laid in air spaces and furred on the inside with terra cotta. The stairs are iron with marble risers, treads, and platforms. The interior finish is oak in the hall and vestibule, hard pine in the service portion, and white pine enamelled elsewhere. Doors are oak in the hall and vestibule, hard pine in the service portion, and birch elsewhere. Finished floors are tile in the vestibule, marble tile in the hall, and hard pine elsewhere. The heating is by hot water, indirect radiation. The house was finished and occupied in April, 1916.

It is again recommended that another cottage for one patient be built on the knoll north of the Upham House. The ability to furnish such accommodation gives the hospital a desirable reputation and adds very materially to its income. Even if one or more of these houses should be unoccupied for a part of the time the income for the time during which it was used would pay a good interest on the investment. The three houses now devoted to this purpose are all occupied, and there will be an increased demand for such service as it becomes more generally known that it can be furnished.

The following are the changes in the hospital staff during the year:

Dr. Clarence M. Kelley, formerly a Junior Assistant Physician of the hospital, returned as an Assistant Physician March 1. Dr. E. Stanley Abbot left to enter the Medical Officers' Reserve Corps of the United States Army August 31. Dr. Herbert R. Fiege entered the service as Junior Assistant Physician September 5. Dr. Walter Joseph Otis left to enter the Medical Officers' Reserve Corps of the United States Army September 22. Dr. F. Lyman Wells left to enter the Signal Reserve Corps of the United States Army September 30. Mr. Charles E. McDougal, storekeeper,

resigned July 31 and was succeeded by Mr. Harold E. Hales. Miss Florence G. Churchill, instructor in cookery, resigned September 26 and was succeeded by Miss Caroline C. Goodwin. Miss Mildred E. Dallinger, dietitian, resigned October 31 and was succeeded by Mrs. Anna L. Baughey.

The following are some of the present needs of the hospital:

A house for the women nurses.
Houses for married men nurses.
A fund of $200,000 for research work in the laboratories.
An increase of the occupation fund to $25,000.
An increase of the fund for the art room to $10,000.
A cottage for the care of one patient.
A tennis court near the women's gymnasium.
A cold storage room for the safekeeping of the patients' furs and clothing.

George T. Tuttle,
Medical Superintendent.

STATISTICAL TABLES

FOR THE YEAR ENDING SEPTEMBER 30, 1917

Form 3

MOVEMENT OF INSANE PATIENT POPULATION FOR YEAR BEGINNING OCT. 1, 1916, AND ENDING SEPT. 30, 1917

	Insane			Other Classes						Total on Books		
				Sane Voluntary			Inebriate					
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Patients on books September 30, 1916	90	135	225	..	1	1	....	....	....	90	136	226
Admissions during year												
a. First admissions	35	27	62	..	..	..	1	1	2	36	28	64
b. Re-admissions	29	31	60	..	..	..	1	1	2	30	32	62
Total admissions	64	58	122	..	..	..	2	2	4	66	60	126
c. Transferred from other institutions	3	4	7	..	..	..	....	1	1	3	5	8
2. Total received during the year	67	62	129	..	..	..	2	3	5	69	65	134
3. Total under treatment during the year	157	197	354	..	1	1	2	3	5	159	201	360
Discharged from books during the year	47	60	107	..	..	..	1	2	3	48	62	110
a. As recovered	16	25	41	..	..	..	....	....	....	16	25	41
b. As improved	20	21	41	..	..	..	....	....	....	20	21	41
c. As unimproved	11	14	25	..	..	..	....	....	....	11	14	25
d. As not insane	.....	.....	.....	..	..	..	1	2	3	1	2	3
e. Transferred to other institutions	3	9	12	..	..	..	....	....	....	3	9	12
f. Died during the year	11	6	17	..	..	..	....	....	....	11	6	17
4. Total discharged from books during the year	61	75	136	..	..	..	1	2	3	62	77	139
5. Patients remaining on books of Inst. Sept. 30, 1917	96	122	218	..	1	1	1	1	2	97	124	221
6*a*. Average daily number pts. on books during the year	91.89	128.09	220.08	..	1	1	.86	.35	1.21	92.75	129.44	222.17
b. Avg. daily no. pts. actually in Inst. during year	84.47	124.49	208.96	..	1	1	.48	.35	.83	84.95	125.84	210.79
7. Avg. daily no. other insane pts. on books but away	7.4	3.6	11.0	..	..	..	.38	....	.38	7.78	3.6	11.38
8. No. voluntary pts. admitted during the year	40	29	69	..	..	..	1	2	3	41	31	72
9. No. temporary care cases admitted during the year	4	9	13	..	..	..	....	....	....	4	9	13
10. No. pts. actually remaining in Inst. Sept. 30, 1917	88	120	208	..	1	1	....	1	1	88	122	210
11. Number of different persons within the year	154	191	345	..	1	1	2	3	5	156	194	350
12. No. of different persons admitted from community	63	57	120	..	..	..	2	2	4	65	58	123
13. No. different persons dismissed to community	57	65	122	..	..	..	1	2	3	58	66	124
14. Number non-insane patients at end of the year	.....	.....	.....	..	1	1	1	1	2	1	2	3
a. Inebriates	.....	.....	.....	..	..	..	1	1	2	1	1	2
b. All other cases	.....	.....	.....	..	1	1	....	....	....	.....	1	1

Form 4

NATIVITY OF FIRST ADMISSIONS AND OF PARENTS OF FIRST ADMISSIONS

YEAR ENDING SEPTEMBER 30, 1917

Nativity	Insane								
	Patients			Parents of male patients			Parents of female patients		
	M	F	T	M	F	T	M	F	T
United States	32	25	57	23	24	47	19	19	38
Total native born	32	25	57	23	24	47	19	19	38
Austria	1	..	1	..	..	..	..	..	..
Canada	1	1	2	..	..	..	1	2	3
England	..	..	..	3	2	5	..	..	..
Ireland	..	..	..	3	4	7	6	4	10
Russia	..	1	1	1	1	2	1	1	2
Scotland	..	..	..	1	1	2	..	..	..
Turkey in Asia	1	..	1	1	1	2	..	..	..
Total foreign born	3	2	5	9	9	18	8	7	15
Unascertained	..	..	..	3	2	5	..	1	1
Grand total	35	27	62	35	35	70	27	27	54

Form 5

CITIZENSHIP OF FIRST ADMISSIONS

	Insane		
	M	F	T
Citizens by birth	32	26	58
Citizens by naturalization	3	1	4
Total	35	27	62

Form 6

PSYCHOSES OF FIRST ADMISSIONS

Psychoses	Insane		
	M	F	T
Senile, Total	1		1
Simple deterioration	1		1
With cerebral arteriosclerosis	4	1	5
General paralysis	5		5
Alcoholic, Total	2	1	3
Delirium tremens	1	1	2
Alcoholic deterioration	1		1
Psychoses with other somatic diseases, Total	1		1
Delirium with infectious disease	1		1
Manic-depressive, Total	14	14	28
Manic type	3	3	6
Depressive type	11	10	21
Mixed type		1	1
Dementia praecox, Total	6	7	13
Paranoid type	2	3	5
Katatonic type	1	4	5
Hebephrenic type	1		1
Simple type	2		2
Paranoia and paranoic conditions		1	1
Undiagnosed	2	3	5
Grand Total	35	27	62

Form 7

RACE OF FIRST ADMISSIONS CLASSIFIED WITH REFERENCE TO PRINCIPAL PSYCHOSES

Race	Insane																														
	Patients			Senile			With cerebral arteriosclerosis			General paralysis			Alcoholic			Psychosis with other somatic diseases			Manic depressive			Dementia praecox			Paranoia and paranoic conditions			Undiagnosed		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Armenian	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	..	..	..	..	..	..
English	28	23	51	1	..	1	3	1	4	5	..	5	2	1	3	1	..	1	9	11	20	6	6	12	..	1	1	1	3	4
Irish	4	3	7	..	..	..	1	..	1	..	..	..	..	..	..	..	..	..	2	2	4	..	1	1	..	..	..	1	..	1
Scotch	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	..	..	..	..	..	..
Slavonic	1	1	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	2	..	..	..	..	..	..	..	..	..
Total	35	27	62	1	..	1	4	1	5	5	..	5	2	1	3	1	..	1	14	14	28	6	7	13	..	1	1	2	3	5

Form 8

AGE OF FIRST ADMISSIONS CLASSIFIED WITH REFERENCE TO PRINCIPAL PSYCHOSES

| Psychoses | Insane | | |

Form 9

DEGREE OF EDUCATION OF FIRST ADMISSIONS CLASSIFIED WITH REFERENCE TO PRINCIPAL PSYCHOSES

Psychoses.	Insane											
	Total			Common School			High School			College		
	M	F	T	M	F	T	M	F	T	M	F	T
Senile	1	..	1	1	..	1	..	..	..	..	..	..
With cerebral arteriosclerosis	4	1	5	..	..	..	3	1	4	1	..	1
General paralysis	5	..	5	..	..	..	5	..	5	..	..	..
Alcoholic	2	1	3	..	..	..	1	1	2	1	..	1
With other somatic diseases	1	..	1	..	..	..	..	..	..	1	..	1
Manic depressive	14	14	28	6	2	8	4	10	14	4	2	6
Dementia praecox	6	7	13	..	1	1	2	2	4	4	4	8
Paranoia and paranoic conditions	..	1	1	..	..	..	..	..	..	..	1	1
Undiagnosed	2	3	5	..	..	..	1	2	3	1	1	2
Total	35	27	62	7	3	10	16	16	32	12	8	20

Form 10

ENVIRONMENT OF FIRST ADMISSIONS CLASSIFIED WITH REFERENCE TO PRINCIPAL PSYCHOSES

Psychoses	Insane								
	Total			Urban			Rural		
	M	F	T	M	F	T	M	F	T
Senile	1	..	1	1	..	1	..	..	..
With cerebral arteriosclerosis	4	1	5	3	..	3	1	1	2
General paralysis	5	..	5	3	..	3	2	..	2
Alcoholic	2	1	3	2	..	2	..	1	1
With other somatic diseases	1	..	1	1	..	1	..	..	..
Manic depressive	14	14	28	6	7	13	8	7	15
Dementia praecox	6	7	13	5	5	10	1	2	3
Paranoia and paranoic conditions	..	1	1	..	1	1	..	..	..
Undiagnosed	2	3	5	1	1	2	1	2	3
Total	35	27	62	22	14	36	13	13	26

Form 11

ECONOMIC CONDITION OF FIRST ADMISSIONS CLASSIFIED WITH REFERENCE TO PRINCIPAL PSYCHOSES

Psychoses	Insane					
	Total			Comfortable		
	M	F	T	M	F	T
Senile	1	..	1	1	..	1
With cerebral arteriosclerosis	4	1	5	4	1	5
General paralysis	5	..	5	5	..	5
Alcoholic	2	1	3	2	1	3
With other somatic diseases	1	..	1	1	..	1
Manic depressive	14	14	28	14	14	28
Dementia praecox	6	7	13	6	7	13
Paranoia and paranoic conditions	..	1	1	..	1	1
Undiagnosed	2	3	5	2	3	5
Total	35	27	62	35	27	62

Form 12

USE OF ALCOHOL BY FIRST ADMISSIONS CLASSIFIED WITH REFERENCE TO PRINCIPAL PSYCHOSES

Psychoses	Insane											
	Total			Abstinent			Temperate			Intemperate		
	M	F	T	M	F	T	M	F	T	M	F	T
Senile	1	..	1	1	..	1	..	..	..	..	..	..
With cerebral arteriosclerosis	4	1	5	2	1	3	1	..	1	1	..	1
General paralysis	5	..	5	1	..	1	4	..	4	..	..	..
Alcoholic	2	1	3	..	..	..	..	..	..	2	1	3
With other somatic diseases	1	..	1	..	..	..	1	..	1	..	..	..
Manic depressive	14	14	28	7	14	21	7	..	7	..	..	..
Dementia praecox	6	7	13	4	6	10	2	1	3	..	..	..
Paranoia and paranoic conditions	..	1	1	..	1	1	..	..	..	..	..	..
Undiagnosed	2	3	5	2	2	4	..	1	1	..	..	..
Total	35	27	62	17	24	41	15	2	17	3	1	4

Form 13

MARITAL CONDITION OF FIRST ADMISSIONS CLASSIFIED WITH REFERENCE TO PRINCIPAL PSYCHOSES

Psychoses	Insane											
	Total			Single			Married			Widowed		
	M	F	T	M	F	T	M	F	T	M	F	T
Senile	1	..	1	..	..	..	1	..	1	..	..	..
With cerebral arteriosclerosis	4	1	5	1	..	1	2	1	3	1	..	1
General paralysis	5	..	5	..	..	..	5	..	5	..	..	..
Alcoholic	2	1	3	1	..	1	1	1	2	..	..	..
With other somatic diseases	1	..	1	1	..	1	..	..	..	..	..	..
Manic depressive	14	14	28	5	5	10	8	9	17	1	..	1
Dementia praecox	6	7	13	6	6	12	..	1	1	..	..	..
Paranoia and paranoic conditions	..	1	1	..	..	..	..	1	1	..	..	..
Undiagnosed	2	3	5	2	2	4	..	1	1	..	..	..
Total	35	27	62	16	13	29	17	14	31	2	..	2

Form 14

PSYCHOSES OF READMISSIONS

Psychoses	Insane		
	M	F	T
Traumatic	1		1
With cerebral arteriosclerosis	1		1
General paralysis	3	1	4
Manic depressive, Total	16	20	36
Manic type	5	9	14
Depressive type	11	10	21
Mixed type		1	1
Involution melancholia	1		1
Dementia praecox, Total	5	6	11
Paranoid type	4	3	7
Katatonic type	1		1
Hebephrenic type		1	1
Simple type		2	2
Paranoia and paranoic conditions	1		1
With mental deficiency	1	1	2
With constitutional psychopathic inferiority		1	1
Undiagnosed		2	2
Grand Total	29	31	60

Form 15

DISCHARGES OF PATIENTS, EXCLUSIVE OF DEATHS, CLASSIFIED WITH REFERENCE TO PRINCIPAL PSYCHOSES AND CONDITION ON DISCHARGE

Psychoses.	Total			Recovered			Improved			Unimproved		
	M	F	T	M	F	T	M	F	T	M	F	T
Traumatic	1	..	1	..	..	..	1	..	1	..	..	..
With cerebral arteriosclerosis	2	1	3	..	..	..	1	..	1	1	1	2
General paralysis	4	..	4	..	..	..	1	..	1	3	..	3
Alcoholic	1	1	2	1	1	2	..	..	..	..	..	..
Due to drugs and other exogenous toxins	1	1	2	1	..	1	..	1	1	..	..	..
With other somatic diseases	1	..	1	1	..	1	..	..	..	..	..	..
Manic depressive	28	38	66	12	22	34	13	11	24	3	5	8
Dementia praecox	6	10	16	..	..	..	4	3	7	2	7	9
Paranoia and paranoic conditions	2	1	3	..	..	..	..	1	1	2	..	2
With constitutional psychopathic inferiority	..	1	1	..	1	1	..	..	..	..	..	..
Undiagnosed	1	7	8	1	1	2	..	5	5	..	1	1
Total	47	60	107	16	25	41	20	21	41	11	14	25

Form 16

CAUSES OF DEATH OF PATIENTS CLASSIFIED WITH REFERENCE TO PRINCIPAL PSYCHOSES

Cause of Death	Total			Senile			With cerebral arteriosclerosis			General paralysis			Manic depressive			Epileptic			Undiagnosed		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Angina pectoris	1	..	1	..	..	..	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..
Arteriosclerosis, general	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1
Cerebral hemorrhage	6	1	7	..	..	..	4	..	4	1	..	1	1	1	2	..	..	..	..	..	..
Epilepsy	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..
General paralysis of the insane	3	..	3	..	..	..	..	..	..	3	..	3	..	..	..	..	..	..	..	..	..
Myocarditis, chronic	..	2	2	..	1	1	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..
Septicaemia from infection of hand	..	1	1	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..
Suicide, by means of steam railroad	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1
Total	11	6	17	..	1	1	5	..	5	4	..	4	1	3	4	..	1	1	1	1	2

Form 17

AGE OF PATIENTS AT TIME OF DEATH CLASSIFIED WITH REFERENCE TO PRINCIPAL PSYCHOSES

Psychoses	Total			35–40 years			40–45 years			45–50 years			50–55 years			55–60 years			60–65 years			65–70 years			70–75 years			75–80 years			80–85 years			85–90 years			90–95 years		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Senile	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1
With cerebral arterio-sclerosis	5	..	5	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	2	..	2	1	..	1	1	..	1	..	..	..	..	..	..	..	..	..
General paralysis	4	..	4	1	..	1	1	..	1	2	..	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Manic depressive	1	3	4	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	1	1	..	1	1	..	1	1	..	..	..	..	..	..	..
Epileptic	..	1	1	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Undiagnosed	1	1	2	..	1	1	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total	11	6	17	1	1	2	1	..	1	2	..	2	..	1	1	2	..	2	1	..	1	2	..	2	1	1	2	1	1	2	..	1	1	..	..	..	1	1

Form 18

TOTAL DURATION OF HOSPITAL LIFE OF PATIENTS DYING IN HOSPITAL CLASSIFIED ACCORDING TO PRINCIPAL PSYCHOSES

Psychoses	Total			Less than 1 month			1–3 months			4–7 months			8–12 months			1–2 years			3–4 years			5–10 years			15–20 years		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Senile	..	1	1	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..
With cerebral arteriosclerosis	5	..	5	1	..	1	2	..	2	1	..	1	..	..	..	..	..	..	1	..	1	..	..	..	..	..	..
General paralysis	4	..	4	..	..	..	..	..	..	..	..	..	3	..	3	..	..	..	1	..	1	..	..	..	..	..	..
Manic depressive	1	3	4	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	1	1	2	..	1	1
Epileptic	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..
Undiagnosed	1	1	2	..	..	..	1	..	1	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total	11	6	17	1	..	1	3	..	3	1	1	2	3	1	4	..	1	1	2	..	2	1	2	3	..	1	1

Form 19

TABLE OF ADMISSIONS, DISCHARGES AND RESULTS FOR TEN YEARS

	Admitted	Discharged	Whole Number under Care	Died	Much Improved	Recovered	Remaining at End of the Year	Average Number of Patients
Ending Sept. 30, 1908 . .	177	170	382	21	60	42	218	214
" " 30, 1909 . .	165	156	389	32	54	28	219	216
" " 30, 1910 . .	169	165	388	16	56	37	217	223
" " 30, 1911 . .	182	182	399	23	63	44	217	220
" " 30, 1912 . .	172	165	389	14	58	40	221	221
" " 30, 1913 . .	154	167	375	17	60	45	218	221
" " 30, 1914 . .	117	133	335	16	35	44	207	217
" " 30, 1915 . .	122	114	336	15	37	30	211	209
" " 30, 1916 . .	138	134	360	21	39	39	212	209
" " 30, 1917 . .	134	139	360	17	16	41	210	210

Total number of admissions from the year 1818, — 11,258

THIRTY-FIFTH ANNUAL REPORT OF THE McLEAN HOSPITAL TRAINING SCHOOL FOR NURSES

The Training School for Nurses, with the completion of the thirty-six years of its existence, has a roll of graduates including 878 names — 570 women and 308 men. In the following summary it is shown how many remain in the work of nursing, and into what positions in life others have gone.

	Men	Women
Number of graduates in thirty-two years . .	308	570
Graduates remaining in the service as nurses	12	30
Graduates remaining in the service as officers	1	5
Pupils in Massachusetts General Hospital Training School		6
Superintendents of hospitals	3	6
Superintendents of nurses, other hospitals .		6
Employed in other institutions	13	43
Engaged in private nursing	76	141
Instructor of nurses	1	2
Assistant instructor of handicraft	1	1
District nurses		3
Social workers		5
School nurse		1
Office nurse		1
Public Health nurses		6
Anesthetists		2
Students	2	
Physicians	46	4
Chiropodist	1	
Dentists	10	
Lawyers	3	
Clergyman	1	
Missionary		1
Principal of high school	1	
In other business	66	3

At home	5	49
Married and left the profession		203
Deceased	24	35
Pupils now in this school	29	34
Military service	32	17
Unknown	10	

It will be seen from this table that of the 535 women graduates of the school who are now living 272 are still in the profession of nursing; and that of the 284 men graduates who are now alive 130 are still nurses, counting 26 of those in military service. Fifty-seven of the men graduates have become physicians; of these 2 are superintendents of hospitals, 7 are members of the Medical Officers Reserve Corps of the U. S. Army, 46 are in private practice and 2 have died. Five women are physicians; of these 1 is married and has left the profession, 4 are in private practice. Seventy-five graduates or pupils of the school have been or are now enlisted in the service of the United States or of the Entente Allies.

The following is a list of their names and their service so far as it is known:

Men Who Entered Military Service Directly from the Hospital

Raymond O. Austin, Med. Dept.

Carleton P. Bickford (1917), Med. Dept.

Joseph Bixby, Convois autos, France. Has been awarded the Croix de Guerre.

Leland S. Douglas, Med. Dept.

Clarence H. Faith, Acting Sous-Chef, Convois autos, France; now Aspirant-Lieut., Franco-American Flying Corps, France.

Edward T. Hackett, Sergt., U. S. A. Base Hospital 6, A. E. F., France (Mass. General Hospital Unit).

William J. Kenney, Med. Dept., B. E. F.

Samuel A. Kimball (1911), Field Artillery, France.

Ralph E. Leavitt, Med. Dept.

Arthur R. Little, Med. Dept.

Richard W. Lotherington (1915), American Ambulance Corps, France; later, American Red Cross Hôpital Militaire, Ris-Orangis, France. Has been awarded bronze French Red Cross Service Medal.

Frederick H. Maltais, Med. Dept.

Anthony M. Payne, Med. Dept.
James F. Ringrose (1917), U. S. A. Base Hospital 1 (Bellevue Hospital Unit).
Arthur Ross, Canadian Artillery. Honorably discharged, wounded.
Edward H. Schwing, U. S. A. Base Hospital 1 (Bellevue Hospital Unit).
Alexander E. Shults, Med. Dept.
James G. Stroud, Med. Dept.
Charles B. Warner, Inspector Sanitary Section, Whitley Camp, England.

Graduate Men Nurses Who Have Entered Military Service

George W. Bickmore (1916), Med. Dept.
J. Guy Bollinger (1917), 16 General Hospital, B. E. F., France (Phila. Unit, U. S. A. Base Hospital 10).
Stephen S. Brown (1917), U. S. A. Base Hospital 6, A. E. F., France (Mass. General Hospital Unit).
Thomas J. Carleton (1912), Med. Dept., Naval Reserve.
Alexander N. Chisholm, M.D. (1911), McGill University Hospital Unit, B. E. F., France.
Haroutune K. Daghlian (1916), Med. Dept.
William A. Dobson, M.D. (1910), Capt., C. A. M. C.
Thomas J. Dolley (1912), Pharmacist, 3d class, Naval Reserve.
Fred Farmer (1916), 16 General Hospital, B. E. F., France (Phila. Unit, U. S. A. Base Hospital 10).
Robert L. Jones, M.D. (1912), 1st Lieut., M. R. C.
Reginald P. Kinsman (1909), McGill University Hospital Unit, B. E. F., France.
J. Will Ledbury, M.D., (1901), 1st Lieut., M. R. C.
Edward F. Lynch (1916), U. S. A. Base Hospital 6, A. E. F., France (Mass. General Hospital Unit).
Daniel J. McDonald, M.D. (1907), B. E. F., France.
Charles H. McLean, M.D. (1906), France.
Thomas MacMurray (1917), 16 General Hospital, B. E. F., France (Phila. Unit, U. S. A. Base Hospital 10).
Henry F. Mahoney (1913), Sergt., 11 General Hospital, B. E. F., France (Harvard Medical Unit, U. S. A. Base Hospital 5).
Allen Mason (1913), 11 General Hospital, B. E. F., France (Harvard Medical Unit, U. S. A. Base Hospital 5). Wounded in bomb raid on the hospital; received Honorable Mention from General Haig.
Walter J. Otis, M.D. (1903), 1st Lieut., M. R. C.
Clarence A. Patten, M.D. (1910), 1st Lieut., M. R. C.
Howard E. Pooler (1917), U. S. A. Base Hospital 6, A. E. F., France (Mass. General Hospital Unit).

Harold D. Rogers, M.D. (1910), 1st Lieut., M. R. C.
Kenneth B. Rowley (1911), Physical Director, U. S. A. Y. M. C. A.
James D. Savage (1913), Engineering Corps.
T. Lukeman Shea (1909), U. S. A. Base Hospital 1 (Bellevue Hospital Unit).
Ralph H. Wells (1917), Med. Dept. (Hospital awaiting mobilization).
Dan H. Wheeler (1917), Med. Dept.
Guy B. Wheeler (1910), Med. Dept.
Francis H. Whitney (1899), Med. Dept.
David C. Williams (1910), Artillery Corps.

Graduate Women Nurses Who Are or Have Been in Military Service

Margaret T. Belyea (1904), awaiting mobilization of hospital unit.
Vera L. Benjamin (1910), Lieut., C. A. M. C. First with General Hospital 22, B. E. F., France (Harvard Unit); now with 7 Canadian General Hospital, B. E. F., France.
Jessie W. Brown (Mrs. Jaggard) (1894), B. E. F. Hospital Corps, Moore Barracks, Schorncliffe, England, May to August, 1915; transferred to Muchos, Island of Lemnos, Greece, August 1; died there September 25, 1915. Buried with military honors.
Mary Burris (1898), American Ambulance Corps, Neuilly, France.
Kate P. Clarke (1908), Lieut., C. A. M. C. Has served in France, Island of Lemnos, and England. Has been awarded the Royal Red Cross.
Eva B. Clements (1910), General Hospital 22, B. E. F., France (Harvard Unit).
Ethel B. Davis (1905), General Hospital 22, B. E. F., France (Harvard Unit).
Margaret Ferguson (1912), General Hospital 22, B. E. F., France (Harvard Unit).
Sarah M. Glass (1909), Base Hospital, Camp Devens, Mass.
Mabel Harrington (1915), Base Hospital, Camp McClelland, Ala.
Jessie L. Jameson (1912), General Hospital 22, B. E. F., France (Harvard Unit).
Sadie J. Knowlton (Mrs. Hill) (1905), France.
B. Genevieve Lantz (1911), General Hospital 22, B. E. F., France (Harvard Unit).
Minnie McAfee (1901), General Hospital 22, B. E. F., France (Harvard Unit).
Edith M. McCabe (1909), General Hospital 22, B. E. F., France

(Harvard Unit); later with American Ambulance Hospital, Neuilly, France.

Katherine S. McDonald (1915), awaiting mobilization of hospital unit.

Ethel S. McLean (1898), General Hospital 22, B. E. F., France (Harvard Unit); was sent from Boston with the Halifax Relief Unit.

Eva W. Marryatt (1907), first with General Hospital 22, B. E. F., France; next with American Ambulance Hospital, Neuilly, France; now with U. S. A. Base Hospital 6, A. E. F., France (Mass. General Hospital Unit).

Margaret A. Matheson (1910), U. S. A. Base Hospital 6, A. E. F., France (Mass. General Hospital Unit).

Mildred Milligan (1912), General Hospital 22, B. E. F., France (Harvard Unit).

Lillian J. T. Sills (1890), General Hospital 22, B. E. F., France (Harvard Unit).

Maud H. Roscoe (1907), awaiting mobilization of hospital unit.

Annie L. Simson-Rathbone (1907), France.

Alvira B. Stevens (1907), Asst. Matron General Hospital 22, B. E. F., France (Harvard Unit). Has been awarded the Royal Red Cross.

Mary K. Taylor (1905), General Hospital 22, B. E. F., France (Harvard Unit).

Sue H. Urquhart (1912), first with American Ambulance Hospital, Neuilly, France; next with General Hospital 22, B. E. F., France (Harvard Unit); next was sent from Boston with the Halifax Relief Unit.

Abbreviations: A. E. F., American Expeditionary Force; B. E. F., British Expeditionary Force; C.A.M.C., Canadian Army Medical Corps; M. R. C. Medical Reserve Corps.

The enlistment of so many has at times caused some embarrassment of the nursing service of the hospital, especially in the men's department, and with continuance of the war and a constant demand by the Government for men for the Medical Department, there may be of necessity a further extension of the employment of women nurses in the men's wards. There are now one woman nurse and one or two ward-maids on duty in every ward for men, except in the Bowditch House, where one ward-maid only is employed. A moderate increase of the number of women would be a benefit to the service in more ways than in numbers.

During the year 13 men have been admitted from

the Mills Training School of the Bellevue Hospital for a post-graduate course of one year; also 16 women from the Massachusetts General Hospital Training School, and 6 from that of the Cooley-Dickinson Hospital, for a special course of three months.

It is not possible that a home for the women nurses and cottages or apartments for married men nurses can be built now because of the financial condition of the hospital and the high prices incident to the war. It is expected, however, that with a declaration of peace work on the nurses' home may begin, and it is hoped also that some provision may be made for the men who are married and who expect to remain indefinitely in the nursing service.

All graduates are requested to communicate with the superintendent of nurses yearly during the month of December, so that correct addresses may appear in the annual report.

GEORGE T. TUTTLE,
Medical Superintendent

McLEAN HOSPITAL TRAINING SCHOOL FOR NURSES, WAVERLEY, MASS.

1882–1917

The Trustees of the Massachusetts General Hospital Corporation established a school for the instruction of nurses at the McLean Hospital in 1882. It gives to men and women desirous of becoming professional nurses a two years' course of training in general nursing, with special reference to the care of cases of nervous and mental disease. The school is conducted by the Superintendent of the Hospital under the authority of the Board of Trustees.

Those wishing to receive such a course of instruction should write to the Superintendent of the McLean Hospital, Waverley, Mass., giving a brief personal history, and also the names and addresses of three responsible persons, not of their own kin, who know of their character and capabilities. If on receipt of this letter it is thought advisable for such prospective candidates to make a formal application, blank forms especially provided for this purpose will be sent to them.

Candidates must be in sound health, and must send with their application a certificate from a physician certifying to the fact. They should preferably have had a high school education or its equivalent, and should be not less than twenty nor more than thirty-five years of age.

On furnishing satisfactory evidence of their probable fitness they will be received for two months on probation. If accepted at the expiration of this time they

will sign an agreement to complete the prescribed course of two years. At the end of the first six months the record of each pupil is again carefully scrutinized and the right is reserved to terminate then, or at any other time, the connection of any pupil or nurse with the school and hospital for inefficiency, misconduct, generally unsatisfactory record, or for any other reason which may be deemed sufficient.

The pupils reside in the hospital and are employed as assistant nurses in its wards. Men probationers while on duty will wear ordinary plain clothing. The women are expected to dress plainly and neatly in a cotton gown, and are permitted to wear the cap and apron of the regular uniform. After formally joining the school, at the end of the period of probation, both men and women are required to wear the hospital uniform while on duty in the wards.

As compensation for their services, both men and women receive board, lodging, and laundry, instruction in nursing, and a certain amount of money, which for the women is only sufficient to purchase books and uniforms and to defray other absolutely necessary incidental expenses. The men, who for the present do not receive the preliminary course of study given to the women, are paid thirty dollars ($30) per month during the first year and thirty-five dollars ($35) per month for the second year. The women receive seven dollars ($7) per month during the first and ten dollars ($10) per month during the second year of the course. Most graduates engage in private nursing or accept positions of trust in other institutions. Some are invited to remain in the service of this hospital, and to such, especially to those who serve as head nurses, there is a material increase in compensation. All graduates of this school, who are also graduates of the Massachusetts General Hospital Training School for Nurses in Boston, are paid thirty-five dollars ($35) per month.

All pupils and nurses are allowed one afternoon, a

part of Sunday, and two or three evenings off duty each week. They are also given a two weeks vacation in each year; and no deduction of time is made for sickness unless it exceeds two weeks in any given year.

On completion of the full term of two years nurses who have passed all the required examinations receive diplomas certifying to their period of training, their proficiency, and their good character.

Women graduates of this school who wish to have additional practical experience and instruction in general nursing have the privilege, under certain restrictions, of entering the Training School for Nurses at the Massachusetts General Hospital in Boston. Such graduates will, after eighteen months' satisfactory study, receive the diploma from that school, in addition to the diploma received from the McLean Hospital Training School.

COURSE OF INSTRUCTION

Instruction is given for eight months of the year, from October 1 to June 1. It is no disadvantage to enter the School between May and October, since the pupil will get some practical knowledge of the care of patients before taking up the required study.

The course for men differs from that for women. The latter receive less money and are allowed more time for study.

A preliminary course of two months is given to the women, and during this time the pupil is given no more work on the wards than is necessary to put in practice the instruction received. This occupies about two hours daily. Most of the time is devoted to lectures, recitations, demonstrations, and laboratory work. Instruction to both men and women, chiefly by the officers of the hospital, includes courses in anatomy, physiology, hygiene, bacteriology, drugs and materia medica, urinalysis, hydrotherapy, massage, housekeeping, dietetics and cookery, general nursing, obstetrical nursing

(to women), and especially nursing of cases of nervous and mental diseases. There are written examinations in the middle and at the end of each school year, and pupils must attain on critical marking at least 60 per cent.

Anatomy. Recitations from a text-book on anatomy and physiology are required, and a course of lectures is given on applied anatomy, in which the general plan is to describe the anatomy of the various physiological systems, to refer briefly to their origin and use, to explain the different injuries and diseases to which they are liable, and to describe the treatment and nursing care of these morbid conditions. There is an articulated and a disarticulated skeleton which the pupils can use for study. It is intended that each one shall see a post-mortem examination.

Physiology. In addition to recitations from a text-book, lectures are given on the blood, heart, circulation, vaso-motor system, digestion (mechanical and chemical), absorption, secretion, respiration, animal heat, movement, nervous system, and special senses.

Hygiene. Recitations from a text-book are required, and a course of lectures is given which includes a consideration of water, food, air, ventilation, heating, lighting, sewerage, disinfectants and disinfection, and personal hygiene.

Bacteriology. A text-book is used for recitations, and a course of lectures is given on benign and pathogenic bacteria, methods of cultivation and examination, the relation of pathogenic germs to various medical and surgical diseases, with a consideration of some of the more common of these diseases.

Drugs and Materia Medica. Instruction is given in the dispensary by lectures, demonstrations, and practical work. The pupils are taught to use the prescription balance and the various measures, and are given practice in weighing and folding powders, the different methods of measuring drops, etc. They are taught to

make weight-to-volume solutions of various strengths, also percentage solutions such as are used in the operating room or for purposes of disinfection.

Instruction is also given in elementary chemistry and botany, on the drugs in ordinary use, poisons and their antidotes. The course is made a laboratory exercise so far as is possible.

Urinalysis. There are brief lectures on normal and abnormal urines and the diseases in which they occur. These are followed by demonstrations of methods of analysis, and the nurse is taught by actual practice to make different tests. It is principally a laboratory exercise.

Physical Therapeutics. Lectures and demonstrations are given on the various hydrotherapeutic procedures and their effects. The pupils are also given instruction in general massage, the use of apparatus in the gymnasium, and games. They are also taught the use of the Zander apparatus and of electricity. During the two years' course of instruction the nurse has frequent opportunity for the practical application of the knowledge gained in the treatment of patients.

Housekeeping. Instruction is given by the assistant superintendent of nurses, the supervisor, and the head nurses, and consists chiefly in actual demonstrations and practice on the wards of general household duties and of such special duties as are required for the proper care of the patients.

Dietetics and Cookery. Twenty-four exercises of three hours each are given the women each morning for one month, during which a lecture of one hour is followed by two hours of practical work. The men receive twelve exercises of two hours each. The instruction includes a consideration of the purchase of food, utensils, kitchen and dining-room furnishings; dietetics and general cookery, with special reference to the preparation and serving of food for the sick and the convalescent.

During the course meals are prepared and served by the pupils, to illustrate the laying of trays and tables and the duties of the hostess and waitress.

After sufficient practice in the care of the kitchen and dining-room the pupils are taken to the wards to apply their knowledge, and throughout the remainder of their service in the hospital they assist in serving food to the patients, under the supervision of the instructor.

Nursing. The theory of general nursing is taught by text-books, lectures, and demonstrations, and a practical application of the instruction is made so far as the facilities of the hospital will allow. Much of the ordinary routine work of a nurse is the same for patients treated here as for those in a general hospital, while in the matter of bathing, changing bed and personal clothing, serving food, giving enemata, etc., it is often much more difficult.

The lectures on nursing given during the second year include a description of various diseases, a consideration of methods of prevention, the various remedial measures employed in the treatment of these diseases, and their nursing care.

The teaching of obstetrical nursing is necessarily by the use of text-books and by lectures. Many nurses take the post-graduate course in the Massachusetts General Hospital School, which now includes practical work in obstetrics, while others, after graduation, take a three months' course at some maternity hospital. The nursing of cases of nervous and mental diseases is taught by recitations, lectures, demonstrations in the wards by the superintendent of nurses, supervisors, and head nurses, and actual practice in the care of the patients of the hospital. Besides this, written reports of individual cases are required and nurses are taught to observe and make daily notes of cases under their care.

Previous to the consideration of insanity, a brief de-

scription of the normal mind is given in eight lectures. In order to make it as practical as possible, patients are assigned to each nurse to observe and to report upon verbally as to the condition of the various mental states or faculties while they are under discussion. Lectures are given on the causation, symptoms, treatment, and nursing care of the different forms of mental disease, with special attention to the duties of the nurse.

To better fit the nurses for special work, the care of convalescents, and for acceptable companionship with their patients, courses are given in handicrafts, in English literature, and in art.

OFFICERS OF THE INSTITUTION, 1918

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Vice-President.

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1902 FRANCIS HENRY APPLETON, 251 Marlborough Street.
1902 CHARLES H. W. FOSTER, 50 State Street.
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1910 NATHANIEL T. KIDDER, Milton, Mass.
1910 JOHN LOWELL, 38 Equitable Building, 67 Milk Street.
1912 *JOSEPH H. O'NEIL, Federal Trust Company, 85 Devonshire Street
1915 *PHILIP L. SALTONSTALL, 53 State Street.
1916 *MRS. NATHANIEL THAYER, 22 Fairfield Street.
1917 *WILLIAM ENDICOTT, 115 Devonshire Street.

Administrator.

FREDERIC A. WASHBURN, M.D.
(Absent on war service)

Acting Administrator.

JOSEPH B. HOWLAND, M.D.

Assistant Treasurer.

CHARLES BREWER.

*Appointed by the Governor of the Commonwealth.

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JOHN T. BOWEN, M.D.
WILLIAM M. CONANT, M.D.
SAMUEL J. MIXTER, M.D.
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STANDING COMMITTEES OF THE TRUSTEES

General Hospital

MESSRS. WIGGLESWORTH, WALCOTT, FOSTER, SALTONSTALL, MRS. THAYER, and MR. ENDICOTT.

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Admitting Patients.

MESSRS. APPLETON and GREENOUGH.

Recreation, Employment, and Library.

MR. APPLETON and MRS. THAYER.

Buildings and Repairs.

MR. LOWELL and MRS. THAYER.

Out-Patient Department

MESSRS. GREENOUGH, APPLETON, KIDDER, WALCOTT, O'NEIL and SALTONSTALL.

SUB-COMMITTEES.

Accounts and Expenditures.

MESSRS. APPLETON and O'NEIL.

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MESSRS. KIDDER and SALTONSTALL.

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Book of Donations

MR. WIGGLESWORTH.

Nominations

MESSRS. WIGGLESWORTH, WILLIAMS, and WALCOTT.

General Hospital Training School for Nurses

MRS. THAYER and MESSRS. WALCOTT and APPLETON.

Ether Day

MESSRS. WALCOTT, WILLIAMS, and GREENOUGH.

Legal Affairs

MESSRS. GREENOUGH, WILLIAMS, and LOWELL.

VISITING COMMITTEES

1918

March and September.

Messrs. Walcott and Greenough.

April and October.

Messrs. Williams and Lowell.

May and November.

Messrs. Kidder and Saltonstall.

June and December.

Mr. O'Neil and Mrs. Thayer.

July.

Messrs. Wigglesworth and Endicott.

August.

Messrs. Appleton and Foster.

1919

January.

Messrs. Wigglesworth and Endicott.

February.

Messrs. Appleton and Foster.

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Miss J. L. Motley, *Chairman,* Chestnut Hill.
Mrs. Henry H. Sprague, *Secretary,* 33 Fairfield Street.
Mrs. John Lowell, *Treasurer,* 24 Commonwealth Avenue.
Mrs. John S. Ames, 3 Commonwealth Avenue.
Mrs. Harcourt Amory, 293 Beacon Street.
Mrs. Francis H. Appleton, Jr., 451 Marlboro Street.
Mrs. Jeffrey R. Brackett, 41 Marlboro Street.
Mrs. J. Dudley Clark, 32 Hereford Street.
Mrs. Charles A. Coolidge, 82 Marlboro Street.
Mrs. Harold J. Coolidge, 303 Berkeley Street.
Mrs. Lincoln Davis, 217 Beacon Street.

Miss Elizabeth Gray, 133 Marlboro Street.
Mrs. Richard W. Hale, Needham, Mass.
Mrs. Arthur D. Hill, 17 Brimmer Street.
Mrs. A. Lawrence Hopkins, 46 Commonwealth Avenue.
Miss Ella L. Lyman, 57 Marlboro Street.
Mrs. William Jason Mixter, 42 Fairfield Street.
Mrs. Robert S. Russell, 20 Commonwealth Avenue.
Miss Grace Stackpole, 395 Beacon Street.
Mrs. C. S. Tuckerman, 201 Bay State Road.
Miss A. N. Ward, 304 Marlboro Street.

General.

Mrs. William T. Councilman, 78 Bay State Road.
Mrs. George P. Denny, 285 Marlboro Street.
Mrs. John C. Gray, 176 Beacon Street.
Mrs. Charles P. Greenough, 45 Carlton Street, Longwood.
Mrs. William Lawrence, 122 Commonwealth Avenue.
Mrs. John H. Morison, 44 Brimmer Street.

OFFICERS OF THE GENERAL HOSPITAL

Resident Physician.

Frederic A. Washburn, M.D.
(Absent on war service)

Acting Resident Physician.

Joseph B. Howland, M.D.

Assistant Resident Physicians.

Harold W. Hersey, M.D.
Charles E. Wells, M.D.

Executive Assistants.

Edna H. Harrison.

MEDICAL DEPARTMENT

Chief of East Medical Service.

David L. Edsall, M.D.

Chief of West Medical Service.

RICHARD C. CABOT, M.D.
(Absent on war service)

Chief of Children's Medical Service.

FRITZ B. TALBOT, M.D.

Consultant in Syphilis.

ABNER POST, M.D.

Chief of Syphilis Department.

C. MORTON SMITH, M.D.

Chief of Sub-Department of Tropical Medicine.

RICHARD P. STRONG, M.D.
(Absent on war service)

Visiting Physicians.

WILLIAM H. SMITH, M.D. FREDERICK T. LORD, M.D.
ROGER I. LEE, M.D.
(Absent on war service)

Visiting Physician to the Children's Medical Department.

RICHARD M. SMITH, M.D.

Associate in Medicine.

JAMES H. MEANS, M.D.
(Absent on war service)

Assistant Visiting Physicians.

HENRY F. HEWES, M.D. JOHN B. HAWES, 2d, M.D.
GEORGE S. C. BADGER, M.D. GEORGE C. SHATTUCK, M.D.
(Absent on war service)

Physicians to Out-Patients.

LOUIS G. MEAD, M.D. HARRY LINENTHAL, M.D.
THEODORE J. EASTMAN, M.D. GERALD BLAKE, M.D.
LESLEY H. SPOONER, M.D. WILLIAM B. ROBBINS, M.D.
(Absent on war service)

Physicians to the Children's Medical Out-Patient Department.

J. HERBERT YOUNG, M.D. WILLIAM R. P. EMERSON, M.D.
RICHARD S. EUSTIS, M.D. ARTHUR A. HOWARD, M.D.
WARREN R. SISSON, M.D.

Assistant Physicians to Out-Patients.

A. Everett Austin, M.D.
(Absent on war service)
Gerardo M. Balboni, M.D.
P. Challis Bartlett, M.D.
F. Gorham Brigham, M.D.
Roger P. Dawson, M.D.
Henry S. Forbes, M.D.
(Absent on war service)
George S. Hill, M.D.
Donald Macomber., M.D.
(Absent on war service)
Louis Mendelsohn, M.D.
Hyman Morrison, M.D.
Clarence E. Ordway, M.D.
Benjamin H. Ragle, M.D.
William D. Reid, M.D.
(Absent on war service)
Malcolm Seymour, M.D.
William W. Walcott, M.D.
(Absent on war service)

Assistant Physicians to the Children's Medical Out-Patient Department

Oliver E. Bixby, M.D.
Michele Nigro, M.D.
George Jackson Hill, M.D.

Assistant Physicians to the Syphilis Out-Patient Department.

George A. Dix, M.D.
Henry D. Lloyd, M.D.
William D. Smith, M.D.

Medical Assistant in Industrial Diseases.

Wade S. Wright, M.D.
(Absent on war service)

Assistants.

George R. Minot, M.D.
A. Watson Sellards, M.D.
Francis M. Rackemann, M.D.
Austin W. Cheever, M.D.
Edward S. O'Keefe, M.D.
†Arthur P. Chadbourne, M.D.

House Physicians.

House Physician to the Children's Medical Department.

SURGICAL DEPARTMENT

Chief of East Surgical Service.

Charles L. Scudder, M.D.

†Temporary appointment.

Chief of West Surgical Service.

CHARLES A. PORTER, M.D.

Chief of Orthopedic Service.

ELLIOTT G. BRACKETT, M.D.
(Absent on war service)

Chief of Genito-Urinary Service.

HUGH CABOT, M.D.
(Absent on war service)

Chief of Department of Anæsthesia.

FREEMAN ALLEN, M.D.

Visiting Surgeons.

FRANKLIN G. BALCH, M.D.
GEORGE W. W. BREWSTER, M.D.
ROBERT B. GREENOUGH, M.D.
(Absent on war service)
DANIEL F. JONES, M.D.

Associate Surgeons.

HUGH WILLIAMS, M.D.
LINCOLN DAVIS, M.D.
(Absent on war service)

Assistant Visiting Surgeons.

CHANNING C. SIMMONS, M.D.
BETH VINCENT, M.D.
(Absent on war service)

Visiting Orthopedic Surgeon.

ROBERT B. OSGOOD, M.D.
(Absent on war service)

Assistant Visiting Orthopedic Surgeons.

Z. B. ADAMS, M.D.
(Absent on war service)
MARK H. ROGERS, M.D.
(Absent on war service)
C. HERMANN BUCHOLZ, M.D.
†CHARLES F. PAINTER, M.D.

Surgeons to Out-Patients.

EDWARD P. RICHARDSON, M.D.
WYMAN WHITTEMORE, M.D.
RICHARD H. MILLER, M.D.
(Absent on war service)
W. JASON MIXTER, M.D.
(Absent on war service)

Orthopedic Surgeons to Out-Patients.

HARRY C. LOW, M.D.
LLOYD T. BROWN, M.D.
MURRAY S. DANFORTH, M.D.
(Absent on war service)
LOUIS A. O. GODDU, M.D.
HERMAN W. MARSHALL, M.D.
†ANDREW P. CORNWALL, M.D.

†Temporary appointment.

Genito-Urinary Surgeons to Out-Patients.

J. Dellinger Barney, M.D.
George G. Smith, M.D.
Richard F. O'Neil, M.D.
(Absent on war service)
Edward L. Young, Jr., M.D.

Assistant Surgeons to Out-Patients.

Arthur W. Allen, M.D.
(Absent on war service)
George D. Cutler, M.D.
James M. Gallison, M.D.
Torr W. Harmer, M.D.
(Absent on war service)
George A. Leland, Jr., M.D.
(Absent on war service)
John M. Little, Jr., M.D.
Henry C. Marble, M.D.
(Absent on war service)
Frank W. Marvin, M.D.
(Absent on war service)
George W Morse, M.D.
André W. Reggio, M.D.
Edward H. Risley, M.D.
†John W. Cummin, M.D.
†William P. Coues, M.D.
†Robert H. Vose, M.D.
†George O. Clark, M.D.
†Seabury W. Allen, M.D.

Assistant Genito-Urinary Surgeon to Out-Patients.

E. Granville Crabtree, M.D.
(Absent on war service)

Assistants.

Lewis P. Felch, M.D.
Oscar R. T. L'Esperance, M.D.
Victor I. Shapira, M.D.
Walter J. LaMarche, M.D.
James F. Boyd, M.D.
Marius N. Smith-Petersen, M.D.

House Surgeons.

Horace K. Sowles, M.D.
William A. Perkins, M.D.

House Surgeon to Genito-Urinary Department.

Harvard H. Crabtree, M.D.

DERMATOLOGICAL DEPARTMENT

Dermatologists.

Charles J. White, M.D.
Harvey P. Towle, M.D.

Associate Dermatologist.

Frederick S. Burns, M.D.

†Temporary appointment.

Assistant Dermatologists.

E. Lawrence Oliver, M.D.
(Absent on war service)

John H. Bufford, M.D.
J. Harper Blaisdell, M.D.

Assistant.

Loretta Joy Cummins, M.D.

NEUROLOGICAL DEPARTMENT

Chief of Service.

Edward W. Taylor, M.D.

Neurologists.

Walter E. Paul, M.D.

James B. Ayer, M.D.

Assistant Neurologists.

George Clymer, M.D.
(Absent on war service)

Sidney A. Lord, M.D.

Assistants.

Frederic B. M. Cady, M.D.
(Absent on war service)

Harold B. Eaton, M.D.
(Absent on war service)

Charles A. McDonald, M.D.
Edwin L. Drowne, M.D.
Hale Powers, M.D.

Psychologist.

L. Eugene Emerson, Ph.D.

LARYNGOLOGICAL DEPARTMENT

Chief of Service.

Algernon Coolidge, M.D.

Laryngologists.

Harris P. Mosher, M.D.
(Absent on war service)

D. Crosby Greene, Jr., M.D.
†J. Payson Clark, M.D.

†Temporary appointment.

Assistant Laryngologists.

WILLIAM F. KNOWLES, M.D.
(Absent on war service)
HARRY A. BARNES, M.D.
FREDERICK E. GARLAND, M.D.
JOHN L. LOUGEE, M.D.
D. CAMPBELL SMYTH, M.D.
†CHANDLER ROBBINS, M.D.
†GEORGE L. TOBEY, JR., M.D.

Assistants.

WILLIAM J. HARKINS, M.D.
(Absent on war service)
EDWARDS W. HERMAN, M.D
WALTER B. SWIFT, M.D.
JOSEPH L. GOODALE, M.D.
HAROLD G. TOBEY, M.D.
(Absent on war service)
JOHN A. TURNBULL, M.D.
ISABELLE D. KERR, M.D.
CHARLES T. PORTER, M.D.
(Absent on war service)
WILLIAM I. WIGGIN, M.D.

Dentist.

GEORGE H. WRIGHT, D.M.D.

Otologist.

D. HAROLD WALKER, M.D.

Assistant Otologist.

OLIVER A. LOTHROP, M.D.

Ophthalmologist.

ALEXANDER QUACKENBOSS, M.D.

Assistant Ophthalmologists.

ROBERT G. LORING, M.D.
GEORGE S. DERBY, M.D.
(Absent on war service)
RALPH A. HATCH, M.D.
(Absent on war service)

Obstetrician.

FRANKLIN S. NEWELL, M.D.

Consultant in Contagious Diseases.

EDWIN H. PLACE, M.D.

PATHOLOGICAL DEPARTMENT

Pathologist.

J. HOMER WRIGHT, M.D.

†Temporary appointment.

Surgical Pathologist.

HARRY F. HARTWELL, M.D.

Assistant Pathologist.

OSCAR RICHARDSON, M.D.

Chemist.

OTTO FOLIN, Ph.D.

Assistant Chemist.

WILLEY DENIS, Ph.D.

Assistant in Clinical Bacteriology.

ALBERT E. STEELE, M.D.

Roentgenologist.

GEORGE W. HOLMES, M.D.

Assistant Roentgenologist.

ADELBERT S. MERRILL, M.D.
(Absent on war service)

House Physician to the X-Ray Department.

HERMAN A. OSGOOD, M.D.

Dentist.

LEROY M. S. MINER, M.D., D.M.D.

Assistant Dentists.

JOSEPH A. RING, D.M.D. JOHN A. BREEN, D.M.D.

Out-Patient Dentists.

FRED R. BLUMENTHAL, D.M.D. PHILIP H. MACINNIS, D.M.D.
WILLIAM W. ANTHONY, D.M.D. MOSES J. EISENBERG, D.M.D.
FRANCIS C. DURANT, D.M.D. THOMAS F. DEMPSEY, D.M.D.
EVERETT C. HAM, D.M.D. SAMUEL GOLDBERG, D.M.D.

Medical House Pupils.

WILLIAM B. ADAMS.
LESLIE N. GAY.
FRANCIS C. HALL.
THOMAS E. BUCKMAN.
DERRIC C. PARMENTER.
BASIL B. JONES.
MARSHALL C. CHENEY.
THOMAS McC. MABON.
FRANK D. ADAMS.
REYBURN McCLELLAN.
THOMAS D. CUNNINGHAM.
LUDO VON MEYSENBUG.

Surgical House Pupils.

BRYANT D. WETHERELL.
THOMAS LANMAN.
CHARLES W. HUTCHINSON.
KEMP P. NEAL.
GEORGE L. CHAFFIN.
FRANCIS J. CALLANAN.
RUSSELL H. PATTERSON.
HAROLD C. BEAN.
JOHN N. SHIRLEY.
CURTICE ROSSER.
NEIL A. FOGG.
ROBERT B. SEABURY.
CARLETON W. BULLARD.
ERNEST M. DALAND.

House Pupils to Special Departments.

Orthopedic.

WAY SUN NEW.
EDWARD J. SAWYER.

Children's Medical.

JAMES H. PARK, JR.
ROBERT D. CURTIS.

Superintendent of Nurses.

SARA E. PARSONS.
(Absent on war service)

Acting Superintendent of Nurses.

HELEN WOOD.

Chief of Hospital Social Service.

IDA M. CANNON.

PHILLIPS HOUSE.

(Private Ward.)

Assistants to the Resident Physician.

PAULINE L. DOLLIVER.
LOUISE S. ZUTTER.
ANNIE L. LOUGHERY.

ADVISORY COMMITTEE

General Hospital Training School for Nurses

DR. HENRY P. WALCOTT, *Chairman.*
DR. FREDERIC A. WASHBURN, *Resident Physician.*
DR. JOSEPH B. HOWLAND, *Acting Resident Physician.*
MISS SARA E. PARSONS, *Superintendent of Nurses.*
MISS HELEN WOOD, *Acting Superintendent of Nurses.*

DR. JAMES J. MINOT.
DR. WILLIAM H. SMITH.
DR. DANIEL F. JONES.
MRS. NATHANIEL THAYER.
MRS. WILLIAM W. VAUGHAN.
MRS. HERBERT L. BURRELL.
MRS. ROBERT H. GARDINER.
MRS. HENRY F. BIGELOW.
MISS MARION H. FENNO.
MRS. THOMAS MOTLEY.
MRS. CHARLES E. MASON.
MRS. FREEMAN ALLEN.
MRS. HUGH CABOT.
MRS. G. TAPPAN FRANCIS.
MISS ELLA L. LYMAN.
MRS. THOMAS MOTLEY, JR.
MRS. GRACE W. MYERS, *Secretary.*

OFFICERS OF THE McLEAN HOSPITAL

Medical Superintendent.

GEORGE T. TUTTLE, M.D.

First Assistant Physician.
FREDERIC H. PACKARD, M.D.

Second Assistant Physician.
THEODORE A. HOCH, M.D.

Clinical Assistant and Pathologist.

Assistant Physicians.

RAY L. WHITNEY, M.D.
CLARENCE M. KELLEY, M.D.

Assistant in Pathological Psychology.

Junior Assistant Physicians.

Chaplain.

REV. GEORGE J. PRESCOTT.

Superintendent of Nurses, and Matron.

JENNIE McINTOSH, R.N.

Assistant Superintendent of Nurses.

ALICE M. COCHRANE, R.N.

Clerk.

MARGARET E. CLARK.

Librarian.

E. KATHLEEN JONES.

Instructors in Physical Training.

DAVID H. HOLMES.

S. MAY TAYLOR.

Instructors in Handicraft.

MARGARET E. HILL.

DANIEL A. JOY.

Dietitian.

ANNA L. BAUGHEY.

Instructor in Cookery.

CAROLINE C. GOODWIN.

Supervisor of Women's Department.

SARA J. McCARTHY, R.N.

Supervisor of Men's Department.

HENRY E. MAGOON.

Purveyor.

JOHN P. BRADBURY.

Apothecary.

CHARLES W. NOYES, Pharm.D.

Storekeeper.

HAROLD E. HALES.

OFFICERS OF THE CONVALESCENT HOSPITAL

Superintendent.

FREDERIC A. WASHBURN, M.D.
(*Resident Physician, General Hospital.*)

Matron.

J. H. Means

One Hundred and Fourth Annual Report

OF THE

TRUSTEES

OF THE

Massachusetts General Hospital

Medical and Surgical Affairs of the General Hospital

Report of General Executive Committee

1917

SECTION B

CAMBRIDGE
THE UNIVERSITY PRESS

NOTICE.

The annual report of the Massachusetts General Hospital is now published in two sections. Section A contains the report of the Trustees, the Treasurer, the Administrator and appended reports, and complete reports of the McLean and Convalescent Hospitals.

One Hundred and Fourth Annual Report

OF THE

TRUSTEES

OF THE

Massachusetts General Hospital

Medical and Surgical Affairs of the General Hospital

Report of General Executive Committee

1917

SECTION B

CAMBRIDGE
THE UNIVERSITY PRESS

The legal title of the Corporation is

"The Massachusetts General Hospital."

All gifts and bequests, if without restriction, will be used as the Trustees deem most for the interest of the Corporation and its Beneficiaries.

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THE ONE HUNDRED AND FOURTH ANNUAL REPORT FOR THE YEAR 1917

In behalf of the Trustees the following report upon the Massachusetts General Hospital is submitted.

Last year's report referred to the establishment of The Moseley Memorial Building erected for the administration purposes of the hospital, and we take pleasure in saying that all the statements thereof with regard to the importance and value to the hospital of this new building have been more than fulfilled.

During the year the hospital in its Boston branch has in its hospital rooms and wards cared for 7,380 patients; in the Out-Patient Department has cared for 31,104 new patients, the total number of visits being 205,524. In the McLean Hospital at Waverley there have been 357 patients. The ambulance has responded to 1,358 calls, and the visits to the Emergency Ward have numbered 6,045. In the Out-Patient Department 10,161 patients have received the benefit of the X-ray, and in the hospital itself 4,125 have had similar treatment. There have also been 4,354 fluoroscopic examinations.

The year has been one of very great strain upon the finances of the hospital, and the Trustees have felt it necessary to adopt every possible measure of economy, and therefore they felt obliged to close the Convalescent Hospital, as it appeared in their opinion that here some saving might be made. For the same reason they decided it to be necessary to close on July 1, 1917, the Hydrotherapeutic Department, and on September 10, 1917, the Medico-Mechanical Department, and on September 28, 1917, the Consultation Clinic. All these

measures were adopted after most careful consideration and with the greatest regret on the part of the Trustees that such action should be necessary, but need for economy seemed to be imperative. It is earnestly hoped by the Trustees that these departments closed for economy's sake may be reopened and again serving the public before many months.

PHILLIPS HOUSE.

The private ward, so called, being a ward which is constructed for the reception of paying patients who have the right to employ their own physicians, provided they are members of our staff or our alumni, as described in the report of last year, was opened and the first patient received on May 17, 1917, and it is quite an interesting fact connected with the history of the hospital that this first patient was Dr. John Collins Warren, the grandson of Dr. John Collins Warren, who with Dr. Jackson was one of the founders of the Massachusetts General Hospital. It is a pleasure to report that Dr. Warren proved the efficacy of the private ward by making a very rapid recovery.

Every patient in any part of the private ward has within the control of his physician or surgeon something which he cannot have even in his own home, namely, recourse without an instant's delay to all the resources of a great hospital kept constantly abreast with the latest medical knowledge of the world.

All risk and danger from delay is thus practically eliminated, an advantage which might often save a valuable life.

During the year a portion of the ward has been devoted to a Maternity Department, which will be maintained hereafter, as we believe greatly to the advantage of the community. We hope that many will avail themselves of it, securing thus as efficient and safe care as can be obained anywhere in the world at the time of

child-birth, and we request every friend of the hospital constantly to bear in mind the Maternity Department and to use every effort to bring it before the public. Special emphasis should be laid upon the statement that every patient may have, if she chooses, her own physician when her baby is born, provided he is a member of our staff or our alumni.

The service being in the private ward has been very highly regarded by all the patients there, and by all the physicians and surgeons who have been on duty there in relieving their patients.

The ward will be hereafter called "Phillips House," having been so named in honor of William Phillips, formerly Lieutenant Governor of Massachusetts, and his father of the same name who was the first citizen of Boston to bequeath a considerable sum to the hospital, which bequest, supplemented by gifts from his family, was of the greatest importance in the early critical days.

FREE BEDS.

We gratefully acknowledge the contributions made by many of our friends for free beds and regret the gaps made in their ranks by the deaths of the past years.

MASSACHUSETTS GENERAL HOSPITAL UNIT.

The Massachusetts General Hospital Unit, referred to in our last report, after the declaration of war against Germany by the United States, very early was organized for service abroad as United States Army Base Hospital No. 6, and on July 9, 1917, departed and is now on duty in France under command of Major Frederic A. Washburn, Medical Reserve Corps, U. S. A., who has so long been our Resident Physician and Administrator.

The Unit consisted at the time of its departure of 26 officers, 66 nurses and 155 enlisted civilians — 247 persons in all.

A large part of the money required in the preparation of the Unit and its transport to France was furnished by the Red Cross. We have every reason to believe that the service of the Unit has been of the very highest quality, and we feel sure that it has been highly appreciated by our Allies in France.

Since the departure of Dr. Washburn, Assistant Administrator Joseph B. Howland has acted as Administrator and Resident Physician in the place of Dr. Washburn.

Dr. George W. Holmes was appointed by the board as Roentgenologist to take the place of Dr. Walter J. Dodd whose lamented death was reported in our last report, and we refer our readers to his report which will be found of great interest and value.

As Trustees, we report with great regret the resignation of Dr. Farrar Cobb, Visiting Surgeon, on February 7, 1917; of Dr. John W. Hammond, Physician to the Children's Medical Out-Patient Department, on April 6, 1917; that of Dr. Chandler Robbins, Assistant Laryngologist, on April 6, 1917; that of Dr. John B. Hartwell, Assistant Surgeon to Out-Patients, on May 18, 1917, and that of Dr. Louis W. Gilbert, Physician to Children's Medical Out-Patient Department, on June 15, 1917.

On October 22, 1917, a relief ward for patients who are connected with the United States Navy was established in the hospital in the room formerly used for the service of the Zander apparatus, which we had previously been compelled temporarily to discontinue in order to save expense.

Since that time there have been in the hospital during 1917, 120 patients in this relief ward, and we believe the

hospital has rendered an efficient and patriotic service in this way, although we greatly regret the temporary discontinuance of the Zander Department, which had promised so well and so much.

INFANTILE PARALYSIS.

We refer to the report of the General Executive Committee for an account of the clinic on this subject, to which special care has been given.

ETHER DAY.

No formal Ether Day celebration was held this year, but Dr. John Collins Warren very kindly spoke informally on the Anniversary to the house pupils and members of the Training School, his subject being "The Discovery of Anæsthesia."

THE FINANCIAL SITUATION.

Our last report calls attention to the fact of the increased cost of everything used in the hospital, and it is needless to say that this difficulty has only increased during the last year; but by ceaseless care on the part of the Treasurer, the Administrator and all of the persons holding office or employed in the hospital, the deficit has not been as great as we had feared early in the year, shortly after the declaration of war. Even now, this deficit will amount to one hundred and seventy thousand dollars for the calendar year 1917, which deficit was made good from the capital of our invested funds.

Our friends should know that the hard times and the many claims upon the rich in the way of income taxes, Liberty Bonds, Red Cross and Y. M. C. A. have reduced the gifts we have received, so that we regard the future with great anxiety for the hospital.

We have had no decision in the tax litigation referred to in our last report, though we are hopeful that some relief may result therefrom in the reduction of the deficit.

It has been very gratifying that the necessary changes caused by the severest economy which we have been compelled to practise, have been met with the noblest spirit upon the part of our employees, who have done everything in their power to assist and to save.

We have received during the year 1917 donations for the general fund amounting to $28,593.70, and donations for the restricted funds amounting to $84,194.67.

The Trustees must again express their appreciation of the great amount of voluntary service which has again been given to the hospital during the year 1917, in which connection we may mention the notable case of Dr. Frederick C. Shattuck. They also desire to call attention to the Treasurer's report, the report on donations, the report of the Ladies' Visiting Committee, the report on social service, and also to the valuable reports of Dr. Howland and Dr. Tuttle, and the other reports published in connection herewith.

And now a few words of the probable future development of the hospital. The expensive equipment and scientific organizations found only in large hospitals and now considered necessary for the diagnosis and cure of so many of our physical troubles, will force people to come to hospitals for treatment. Taking a large view of their charitable trust, the Trustees of this hospital have felt that its splendid equipment should be available to all classes of society—first, to those who can pay full value for its use and for the professional service given them; second, to those who can pay a

lesser sum; and third, to those who are unable to pay anything. The first and last classes are already well provided for, but provision should be made in this hospital for the large so-called middle class in the community, so that at a cost for professional service and treatment within their means they can receive the same hospital care that this hospital now offers to people of wealth and to the poor. The Trustees are now at work upon this problem.

We earnestly implore all the citizens of Massachusetts to keep constantly in mind the daily and hourly needs of this great charity for its daily and hourly service, and beg them to give all they can for its support, as we are now compelled to use our invested capital or to refuse to relieve pressing cases of disease and suffering.

George Wigglesworth.
Moses Williams.

MEMBERS OF THE MASSACHUSETTS GENERAL HOSPITAL AND MCLEAN HOSPITAL STAFF WHO HAVE ENTERED MILITARY SERVICE DURING THE YEAR

ABBOT, E. STANLEY, *Major*	M. R. C.
*ADAMS, Z. B., *Captain*	M. R. C.
ALLEN, A. W., *1st Lieut.*	M. R. C.
*AUB, J. C., *1st Lieut.*	M. R. C.
AUSTIN, A. E., *Major*	M. R. C.
BRACKETT, E. G., *Major*	M. R. C.
BUNKER, S. M., *Captain*	M. R. C.
CABOT, HUGH, *Lieut. Col.*	R. A. M. C. (British)
*CABOT, R. C., *Major*	M. R. C.
CADY, F. B. M., *1st Lieut.*	M. R. C.
*CLYMER, GEORGE, *1st Lieut.*	M. R. C.
CRABTREE, E. G., *Major*	R. A. M. C. (British)
DANFORTH, M. S., *Captain*	M. R. C.
*DAVIS, LINCOLN, *Major*	M. R. C.
DERBY, G. S., *Captain*	M. R. C.
EATON, H. B., *1st Lieut.*	M. R. C.
FIEGE, H. R., *1st Lieut.*	M. R. C.
FORBES, H. S., *1st Lieut.*	M. R. C.
GŒTHALS, T. R., *1st Lieut.*	M. R. C.
GREENOUGH, R. B., *Lieut. Comdr.*	U. S. N. R. F.
*GULLIFER, W. H., *1st Lieut.*	M. R. C.
HARKINS, W. J., *1st Lieut.*	M. R. C.
HARMER, T. W., *Captain*	M. R. C.
*HATCH, R. A., *1st Lieut.*	M. R. C.
HOLLINGS, BYAM, *Major*	M. R. C.
KNOWLES, W. F., *Major*	M. R. C.
LEE, R. I., *Major*	M. R. C.
*LELAND, G. A., JR., *1st Lieut.*	M. R. C.
MACIVER, G. A., *1st Lieut.*	M. R. C.
MACOMBER, DONALD, *Captain*	M. R. C.
*MARBLE, H. C., *Captain*	M. R. C.
MARVIN, F. W., *1st Lieut.*	M. R. C.
*MEANS, J. H., *Captain*	M. R. C.
*MERRILL, A. S., *Captain*	M. R. C.
MILLER, R. H., *1st Lieut.*	M. R. C.
*MIXTER, W. J., *Captain*	M. R. C.
MOSHER, H. P., *Major*	M. R. C.

* With U. S. A. Base Hospital No. 6 (Massachusetts General Hospital Unit).

Members who have left for Active Military Service

*Oliver, E. L., *Captain*.....M. R. C.
*O'Neil, R. F., *Captain*.....M. R. C.
Osgood, R. B., *Major*.....M. R. C.
Otis, W. J., *Captain*.....M. R. C.
Packard, G. B., Jr., *1st Lieut*.....M. R. C.
Peabody, C. W., *1st Lieut*.....M. R. C.
Porter, C. T., *1st Lieut*.....M. R. C.
Pratt, J. H., *Major*.....M. R. C.
Quackenboss, Alexander, *Major*.....M. R. C.
Reid, W. D., *1st Lieut*.....M. R. C.
Rogers, M. H., *Captain*.....M. R. C.
Savage, J. C., *1st Lieut*.....M. R. C.
Shattuck, G. C., *Major*.....R. A. M. C. (British)
Spooner, L. H., *Captain*.....M. R. C.
Stoddard, J. K., *1st Lieut*.....M. R. C.
Strong, R. P., *Major*.....M. R. C.
*Tobey, H. G., *1st Lieut*.....M. R. C.
*Vincent, Beth, *Captain*.....M. R. C.
Walcott, W. W., *Captain*.....M. R. C.
*Washburn, F. A., *Major*.....M. R. C.
Wells, F. L., *Captain*.....S. R. C.
*White, P. D., *1st Lieut*.....M. R. C.
*Wright, Wade, *1st Lieut*.....M. R. C.

ANNUAL REPORT OF THE ADMINISTRATOR OF THE MASSACHUSETTS GENERAL HOSPITAL AND RESIDENT PHYSICIAN OF THE GENERAL HOSPITAL.

To the Trustees of the Massachusetts General Hospital:

Gentlemen: — In the absence of Dr. Washburn serving as Director of our Base Hospital Unit, I submit herewith the report of the Administrator for the year 1917.

The past year has been an eventful one with the many changes which our entrance into the War has made necessary. A considerable number of our visiting staff and nurses have left for military work, consequently it has been necessary to make many temporary appointments to fill vacancies. On page 12 will be found the names of the members of the staff who have accepted commissions in the Army and Navy.

Our thanks are due to Doctors Frederick C. Shattuck, Samuel J. Mixter, and Herman F. Vickery, who had retired from active ward work, for so willingly taking up routine hospital practice again during temporary absences of members of the visiting staff. The regular members of the staff and those who have accepted temporary appointments have been untiring in their labors through the year.

The term of service of surgical internes has been temporarily shortened from twenty-one months to fourteen months, and of medical internes from eighteen months to twelve months, to conform to the requirements of the War Department for hospital trained physicians for military service as soon after graduation as practicable.

On account of war conditions, we have during the year temporarily closed the following departments:

March 31, the Convalescent Hospital; April, the Cement Shop; June 8, the Industrial Clinic; July 1, the Hydrotherapeutic Room; August 11, the Psychiatric Clinic; September 10, the Medico-Mechanical Room; September 28, the Consultation Clinic.

GENERAL HOSPITAL, BOSTON

This has been the first full year that we have occupied the Moseley Memorial Building. We appreciate more and more how much it was needed and how fully it has met our expectations. The work in the Emergency Ward has been very much increased since it moved to its present quarters. In it we have a male and a female ward of eight and nine beds, respectively. Ten of these beds have been set aside for tonsillectomy operations.

In October we were asked by the Commandant of the Naval Hospital in Chelsea to accept patients from the enlisted force of the Navy and Marine Corps until such time as their hospital enlargements could be completed. The Zander Room, which was formerly the Bigelow Operating Theatre, was converted into a ward of fifty beds. This has been practically full since it opened. On December 31, one of our regular surgical wards was also assigned to the same use and we are planning to place in the old Treadwell Library fourteen more beds to be used for this purpose.

The formal Ether Day exercises were omitted this year, but the day was not allowed to pass without observance, and Dr. J. Collins Warren gave an informal address on " The Discovery of Anaesthesia " to the house pupils and members of the Training School.

The Warren Triennial Prize for 1916 was awarded early this year. Six essays were offered. The prize was awarded to Dr. D. Noël Paton, of Glasgow, Scotland, whose dissertation was entitled "The Parathyroids."

The old Gate Lodge on Blossom Street has been most satisfactorily remodelled into a diet laboratory, giving ample classroom and working space for sixteen pupils at a time.

In the East Wing of the Bulfinch Building the five rooms formerly used as administrative offices have been converted into medical research laboratories. Although much of the work planned for this year has been curtailed by war conditions, a very considerable amount of investigative and routine work has been accomplished.

A cafeteria for women employees has been opened under the lower out-patient amphitheatre. It has been most satisfactory, both as to service and in saving of food. The old dining-room for women has been added to the nurses' dining-room by removing a partition, and cafeteria service for the nurses instituted for breakfast and luncheon. It has demonstrated an economy of food, a reduction of cost of service, and is well liked by nurses and officers.

The following comparative tables are of interest:

	Expenses.		Receipts.	
	1916.	1917.	1916.	1917.
General Hospital . .	$459,982.33	$503,719.18	$148,230.25	$183,763.43
Out-Patient Department	103,233.15	110,543.67	88,256.24	99,872.13
Consultation Clinic .	7,657.05	6,794.01	7,663.85	6,922.00
Convalescent Hospital	15,942.26	4,280.95	5,492.31	2,005.01
McLean Hospital . .	451,346.81	441,480.37	378,086.32	422,174.60

	No. Patients Admitted to Wards.	Total Patients' Days Treatment.	Average Stay in Hospital.	No. Operations House Cases.
1908 . .	5,362	106,034	20 — days	3,634
1909 . .	5,871	105,295	18 — "	3,841
1910 . .	6,092	105,617	17 + "	4,016
1911 . .	6,495	107,671	17 — "	3,948
1912 . .	6,629	107,797	16 — "	4,063
1913 . .	6,251	111,364	18 + "	3,887
1914 . .	6,413	116,164	18 + "	3,993
1915 . .	6,503	113,941	18 — "	4,046
1916 . .	6,507	111,875	17 + "	4,094
*1917 . .	6,699	112,636	17 — "	4,191

* Patients admitted to Private Ward opened this year not included in tables.

	Average Daily Cost per House Patient.	Daily Cost per Capita for Provisions for all Persons Supported.
1911	$2.65 +	$0.28 —
1912	3.00 +	0.31 +
1913	3.01 +	0.33 +
1914	3.09 +	0.34 +
1915	3.31 +	0.32 +
1916	4.05 +	0.37 +
1917	4.36 +	0.41 +

	Number Ambulance Trips.	Number of Miles.	Average Trips per Day.
1908	1,747	....	5 —
1909	1,539	5,442	4 +
1910	1,639	5,615	4 +
1911	1,513	4,452	4 +
1912	1,477	4,870	4 +
1913	1,576	4,796	4 +
1914	1,378	4,888	3 +
1915	1,502	4,182	4 +
1916	1,413	5,032	4 —
1917	1,358	6,100	4 —

	Number of Patients Treated in Emergency Ward.	Average Daily Cost per Patient.	Cost of Maintenance of Emergency Ward.	Total Receipts.
1908	5,313	$0.78 —	$4,141.03	$518.23
1909	5,314	0.83 —	4,389.78	488.88
1910	5,590	0.82 —	4,555.97	571.80
1911	6,029	0.72 —	4,331.75	618.80
1912	5,501	0.78 +	4,343.15	770.17
1913	5,424	0.86 +	4,665.50	1,560.07
1914	5,278	0.96 +	5,090.52	1,867.38
1915	4,815	1.03 +	5,006.69	2,297.97
1916	5,123	1.21 +	6,210.98	2,911.60
1917	6,045	2.05 —	12,380.79	4,247.25

	Number of X-Ray Cases Out-Patient Department.	Number of X-Ray Cases in House.
1908	2,902	1,353
1909	3,323	1,441
1910	3,414	1,363
1911	4,138	1,643
1912	4,587	1,987
1913	6,286	4,015
1914	7,951	5,985
1915	7,618	4,597
1916	10,616	4,986
1917	10,161	4,125

OUT-PATIENT DEPARTMENT

The War has deprived this department of twenty-eight members of its staff. In addition, several others

for the same reason have been transferred for duty in the house. So far, we have been able, through temporary appointments, to fill vacancies and continue the work of this important part of the hospital without lowering our high standards. Although during the latter part of the year the size of the clinics had been considerably reduced, the total amount of work accomplished during the last twelve months shows an increase compared with previous years. This may be seen in the following comparative table:

	New Cases.	Total Number of Visits.	Total Number Prescriptions Filled.
1904	25,082	106,174	53,321
1905	21,874	110,631	49,793
1906	20,010	99,251	43,063
1907	20,358	107,063	43,764
1908	20,729	116,008	46,390
1909	21,518	121,327	48,250
1910	22,302	124,584	48,676
1911	22,232	135,809	49,858
1912	22,639	136,095	48,270
1913	24,887	147,428	51,798
1914	24,957	158,090	62,112
1915	29,213	190,628	73,914
1916	31,061	201,375	79,736
1917	31,104	205,524	78,820

During the year 1917 there were 3,121 operations under an anesthetic in the Out-Patient Department, of which number 673 were performed under a local and 2,448 under a general anesthesia.

The following is a comparative financial table

	Cost of Maintenance Out-Patient Department.	Average Daily Cost per Patient.	Total Receipts.
1908	$50,902.61	$0.44 —	$39,955.80
1909	54,739.32	0.45 +	42,636.05
1910	56,383.06	0.45 +	44,296.92
1911	62,476.04	0.46 +	46,643.45
1912	62,704.66	0.46 +	47,607.00
1913	70,077.00	0.47 +	53,453.20
1914	74,710.04	0.47 +	58,668.95
1915	84,451.96	0.44 +	73,521.99
1916	103,233.15	0.51 +	88,256.24
1917	110,543.67	0.54 +	99,872.13

ROENTGENOLOGICAL DEPARTMENT

Early in the year the X-Ray Department was enlarged by the addition of three rooms in the old Gay Ward Building. The construction of a lead-lined room for treatment work was particularly needed.

The work of the department has been extended to cover a complete additional plant, with the exception of apparatus for treatment work, in the Private Ward.

Attention is invited to the detailed report of this department which is appended.

NURSING DEPARTMENT

Miss Sara E. Parsons, Superintendent of the Training School for Nurses, is absent serving as Chief Nurse of our Base Hospital Unit. The successful continuance of the Training School work reflects great credit on the Acting Superintendent of Nurses, Miss Helen Wood.

In addition to the regular work of the Training School, the amount of which is shown in the accompanying table, we have during the year admitted to our wards for ten days' practice work seventy-four Red Cross Nurses' Aids:

	Average No. of Graduates.	Average No. of Pupils.	Average No. of Probs.	Average Total.	Total Probs. During Year.	Probs. and Nurses Who Left During Year.
1911	31	140	12	183	90	53 P. 16 N. — 69
1912	29	158	15	202	100	51 P. 7 N. — 58
1913	29	167	28	224	97	30 P. 8 N. — 38
1914	28	181	24	233	92	30 P. 10 N. — 40

	Average No. of Graduates.	Average No. of Pupils.	Average No. of Probs.	Average Total.	Total Probs. During Year.	Probs. and Nurses Who Left During Year.
1915	29	179	33	241	90	24 P. 6 N. — 30
1916	30	210	27	267	106	19 P. 4 N. — 23
1917	30	232	21	283	88	15 P. 13 N. — 28

A list of the graduate nurses who left the hospital employ during the year to enter the War will be found in the report of the Superintendent of Nurses.

Attention is invited to the report of the Advisory Committee on the General Hospital Training School.

TREADWELL LIBRARY

In this department as in others it has been necessary to economize. Much of the detail work on records has been temporarily omitted and with much regret. Two of the large statistical tables are omitted from the report this year. One, a table of "Diseases Occurring in the House and Out-Patient Department," while not printed, has been continued and is filed for reference in the Library. The other, a table of "Surgical Operations," is given in another form in Table B.

WARREN LIBRARY

The work of this department has continued satisfactorily. One thousand four hundred and forty-eight more books were circulated than during the previous year. A small reading-room, the former office of the Superintendent of Nurses, has been added to the Library for the convenience of hospital employees.

Statistics of the Warren Library will be found in the report of the Ladies' Visiting Committee, which is appended.

SOCIAL SERVICE

In March, the quarters of the House Social Service Department were transferred to two rooms formerly a part of the Accident Ward. In addition, a third room was set apart for the office of the Chief of Hospital Social Service. This increase of space in a more central location has contributed to the efficiency of the department and to the convenience of all.

It was feared that the number of workers in the House Social Service Department would have to be reduced, but through the generosity of a member of the Ladies' Visiting Committee and the Trustees of the Permanent Charity Fund, funds have been given to enable the department to continue work with its full staff.

The reports of Miss Ida M. Cannon, Chief of Hospital Social Service, will be found appended.

PRIVATE WARD

On May 17, the Private Ward was opened. There has been much comment on the name "private ward" as one which inadequately expresses the size and importance of this addition to the hospital. It is in reality a complete private hospital, having a separate entrance at 265 Charles Street. It has its own kitchen, dining-rooms, business offices, apothecary shop, X-ray department, and operating-rooms. This building offers to its occupants a safe residence in fire-proof quarters, and what was most needed, has made possible for their use fully equipped laboratories, which only a modern teaching hospital maintains for the diagnosis of complex cases. All patients' rooms are connected with the electrocardiograph.

The fourth floor is entirely devoted to the care of obstetrical patients. Before the opening of the Pri-

vate Ward these cases had never been admitted to the General Hospital.

All of the one hundred and two patients' rooms are remarkable for their home-like atmosphere, for which thanks are due to Mrs. Ralph L. Emerson, who had charge of their furnishing and decorating.

During the year three hundred and fifty-eight patients have been cared for with an average stay of 10+ days.

This ward is making a rapidly increasing circle of friends for the Massachusetts General Hospital, and we are confident that sooner or later, through those who have received its benefits, we shall obtain substantial aid for our charitable work.

Information concerning the admission of patients to the Private Ward will be found elsewhere in the report.

NEEDS OF THE HOSPITAL

In the Administrator's report of 1916 a clear statement of the needs of the hospital is recorded. This includes alterations for fire-proofing the Bulfinch Building, a new nurses' home, a department for the care of people of moderate means, and a children's building. I wish to endorse Dr. Washburn's recommendations concerning these needs and to express the hope that funds may be given for these essential additions to the hospital. At this time when appeals for funds for various war charities are made daily, there is danger that the needs of our old established civil charities may be forgotten. It should, however, be borne in mind that the requirements of the War in no measure lessen the needs of our hospital. In fact, the very opposite is true. The cost of maintaining the hospital has been greatly increased and the need for the care of relatives and dependents of those who have gone to the front, together with the necessity of more strictly guarding the public health, have in-

creased the burden of our hospitals. If we are to do our full part, we shall need a continuance of the generous financial aid which the public has given us in former years, as we have no other means of support.

McLEAN HOSPITAL

Work toward the proposed nurses' home has been suspended.

In accordance with the request of the Secretary of Agriculture to raise more vegetables and fruit, we planted four and a half more acres of vegetables than ever before. Although the average yield was poor, the increased size of our garden produced crops valued at $1,750 more than in 1916.

We should at the earliest opportunity construct a vegetable storage cellar. A knoll just back of the kitchen offers a suitable and conveniently located site for such a purpose.

The detailed statement of the Medical Superintendent appears in Section A of this report.

The following are comparative tables:

	Number of Patients Admitted.	Number of Patients' Days Treatment.
1908	168	78,897
1909	169	79,515
1910	166	80,978
1911	188	80,245
1912	168	81,358
1913	144	80,618
1914	117	77,621
1915	123	77,807
1916	133	76,477
1917	144	77,128

	Average Daily Cost per Patient.	Daily Cost per Capita for Provisions for all Persons Supported.
1911	$3.59 +	$0.479
1912	3.79 +	0.487
1913	3.90 +	0.511
1914	4.07 +	0.517
1915	4.22 +	0.516
1916	4.75 +	0.615
1917	5.27	0.675

Before closing my report, I wish to express my most sincere appreciation and thanks to the loyal officers and employees of the hospital who have done not only their regular work but also in part the work of those who have been called away. A considerable number of these men and women who could at any time have found other employment with larger remuneration have thought only of the hospital and continued in its service.

Very respectfully yours,

JOSEPH B. HOWLAND,
Acting Administrator.

GENERAL HOSPITAL

Table No. 1

COMPARATIVE STATEMENT OF STATISTICS

Hospital Wards and Single Rooms

	1917	1916
Patients in Hospital January 1:		
Medical	120	112
Surgical	203	169
Total	323	281
Patients admitted during year:		
Medical	2,427	2,562
Surgical	4,272	3,945
Total	6,699	6,507
Total patients treated in Hospital wards and single rooms during year:		
Medical	2,547	2,674
Surgical	4,475	4,114
Total	7,022	6,788
Patients discharged during year:		
Well	45	12
Relieved	5,607	5,436
Not relieved	459	377
Against advice	68	44
Died	401	409
Not treated	122	187
Total	6,702	6,465
Patients in Hospital end of year:		
Medical	95	120
Surgical	225	203
Total	320	323

	1917	1916
Total patient's day's treatment:		
Free patients	25,303	40,941
Pay patients	45,052	34,171
Patients paying something	42,281	36,763
Total	112,636	111,875
Percentage:		
Free days	22+	37−
Pay days	40+	30+
Paying something	38−	33−
Total	100	100
Average patients per day:		
Free	69+	112−
Pay	123+	93+
Paying something	116−	100+
Total	308+	305+
Average time per patient in Hospital	17− days	17+ days
Average daily cost per patient	$4.36+	$4.05+
Daily cost *per capita* for provisions for all persons supported	.41+	.37+

Paying patients were admitted at the following rates: 230 at $35.00; 10 at $28.00; 130 at $21.00; 2,280 at $17.50; 1,375 at $15.00; 60 at $12.00; 50 at $10.50; 3 at $10.00; 600 at $7.00; 10 at $5.00; 56 at $3.50; 8 at $2.50; 2 at $1.00. Some of these patients entered at the rates were afterwards made free.

There were 6,045 patients treated in the Emergency Ward. Of this number 1,612 were retained in the Hospital.

OUT-PATIENT DEPARTMENT

	1917	1916
Number of cases treated (new cases)	31,104	31,061
Americans	16,056	15,672
Foreigners	15,048	15,389
Residents of Boston	12,468	13,498
Residents of other places	18,636	17,563
Medical Department	7,574	8,083
Surgical Department	7,125	7,691
Department for Diseases of the Skin	2,411	2,269
Department for Diseases of the Nervous System	1,221	1,192
Department for Diseases of the Throat	3,638	3,322

	1917	1916
Children's Medical Department	2,309	2,387
Orthopedic Department	3,171	2,515
Genito-Urinary Department	1,608	1,466
Department of Syphilis	1,580	1,458
Dental Department	463	678
Infantile Clinic	1	
Psychiatric Clinic	3	
Total number of visits from patients	205,524	201,375
Average daily attendance	678+	662+
Total number of prescriptions filled	78,820	79,736
Number of visits to Hydrotherapeutic Room	899	2,812
Number of visits to Medico-Mechanical Room	16,425	21,109
Number of applicants	32,936	33,307
Number admitted	31,104	31,052
Referred to other institutions	1,085	1,425
Referred to Consultation Clinic		6
Number refused	747	824
Cost of maintenance of Out-Patient Department	$110,543.67	$103,233.15
Daily average cost per Out-Patient	.54+	.51+

AMBULANCE

	1917	1916
Ambulance calls during year	1,358	1,413
Average calls per day	4−	4−

EMERGENCY WARD

	1917	1916
Visits made to Emergency Ward during year	6,045	5,123
Average visits made per day	17−	14−
Cost of maintenance of Emergency Ward	$12,380.79	$6,210.98
Daily average cost per Emergency Ward patient	2.05−	1.21+

X-RAY

	1917	1916
Number of X-ray cases taken in the Out-Patient Department	10,161	10,616
Number of X-ray cases taken in the House	4,125	4,986
Number of X-ray cases taken in Private Ward	134	
Fluoroscopic examinations	4,354	4,689

Table No. 2

RESIDENCES

	1917
Boston	1,191
Massachusetts (except Boston)	5,075
Maine	59
New Hampshire and Vermont	197
New York	35
Rhode Island and Connecticut	45
Other States	78
British Provinces	19
Total	6,699

Table No. 3

BIRTHPLACES

Boston	548
Massachusetts (except Boston)	1,843
Maine	314
New Hampshire and Vermont	352
Rhode Island and Connecticut	96
New York	154
Southern and Western States	241
Other States	59
Total in United States	3,607
British Provinces	687
Great Britain	280
Ireland	536
Norway and Sweden	176
Italy	423
Russia and Poland	579
Germany	39
France	17
Other places	355
Total Foreigners	3,092

BIRTHPLACE OF MOTHER

Boston	233
Massachusetts	851
Maine	351
New Hampshire and Vermont	230
Rhode Island and Connecticut	95
Carried forward	1,760

Brought forward	1,760
New York	131
Southern and Western States	224
Other States	56
Total in United States	2,171
Great Britain	366
British Provinces	1,027
Ireland	1,035
Norway and Sweden	172
Germany	84
Italy	612
Russia and Poland	780
France	25
Other foreigners	427
Total Foreigners	4,528

Table No. 4

OCCUPATIONS

Male

Ammunition Factory	
Foreman	1
Inspector	1
Laborers	3
Athletic Association	
Bell Boy	1
Trainer	1
Automobile Company	
Assembler	1
Blacksmith	1
Galvanizer	1
Mechanics	3
Painter	1
Repairers	8
Traveling Salesmen	5
Automobile Starter Company	
Assembler	1
Awning Factory	
Maker	1
Bakery	
Bakers	17
Laborer	1
Pastry Cooks	2
Shipping Clerk	1
Banking	
Clerks	4
President of Bank	1
Stock Broker	1
Vice President of Bank	1
Barbers	
Barbers	25
Bar Room	
Bar Room Cleaner	1
Bar Tenders	7
Bicycle Shop	
Painter	1
Billiard Room	
Manager	1

Blacksmiths

Blacksmiths	20

Bleachery

Bleacher	1
Dyers	3
Finisher	1
Machinist	1
Sorter	1
Washer	1

Board of Health

Agents	2

Boiler Makers

Boiler Makers	3
Machinist	1

Book Bindery

Agent	1
Binder	1
Salesman	1

Bowling Alley

Pin Setter	1
Managers	2

Box Factory

Box Makers	5
Corner Cutter	1
Machine Operator	1
Stripper	1

Brewery

Distillers	2
Shipper	1

Brick and Stone

Brick Layers	2
Masons	22

Brush Factory

Brush Maker	1

Building

Builders and Contractors	3
Contractors	4
Engineer	1
Foreman	1
Laborers	8
Lathers	3
Porter	1
Rigger	1

Butcher Shop

Butchers	7
Meat Cutters	2

Butter and Cheese Manufacturers

Butter Makers	2
Milk Boiler	1

Can Factory

Presser	1

Canadian Army

Captain (Dental Corps)	1

Candy Factory

Candy Makers	7
Cutters	2
Manager	1
Packer	1

Cap Factory

Stitcher	1

Car Company

Liner	1

Carpenters

Carpenters	106

Carpet Mill

Stripper	1

Carriage Company

Wheelwright	1

Cartridge Company

Dye Finisher	1

Casket Factory

Finisher	1

Cemetery

Monument Setters	2

Chair Factory

Chair Makers	3
Machine Operator	1
Shipper	1

Chauffeurs

Chauffeurs	46

Chemical Company

Bottler	1
General Work	1

Chemical Store House

Shipper	1

Chemical Laboratory

Chemists	2
Foreman	1

Chocolate Factory

Cocoa Worker	1
Laborer	1
Machine Operators	3
Mixer	1
Shaker	1

Cigar Factory

Cigar Makers	7

Clerical

Auditors	3
Bookkeepers	10
Canvassers	3
Clerks	32
Receiving Clerks	3
Shipping Clerks	27
Timekeeper	1

Clothing House

Finisher	1
Shipper	1

Clothing Store

Buyers	2
Cloth Inspector	1

Coal Company

Assistant Manager	1
Coal Shovelers	6
Coal Trimmer	1
Hod Carriers	2

Cobblers

Cobblers	15

Cold Storage House

Foreman	1

Comb Factory

Pointer	1

Commercial Travelers

Traveling Salesmen	4

Commission for Blind

Agent	1
Broom Maker	1
Mop Makers	2

Cotton Mill

Bleacher	1
Bobbin Setters	2
Carder	1
Cleaner	1
Doffer	2
Drawer-in	1
Dryer	1
Feeders	2
Framer	1
Laborers	3
Loom Fixer	3
Machine Operator	1
Machinist	1
Oiler	1
Pattern Fitter	1
Reed Fixer	1
Slashers	3
Speeder	1
Spinners	7

Warp Twister	1
Weavers	15

Court House

Clerk of Courts	2
Court Officer	1

Cranberry Bog

Picker	1

Custom House

Officers	2
Packers	2

Department Store

Cloak Maker	1
Drapery Hanger	1
Floor Managers	2
Packer	1
Polisher	1
Porters	3

Domestic and Personal Service

Attendants	3
Bar Tenders (hotel)	3
Bell Boys	5
Bootblacks	6
Butlers	3
Caretakers	5
Checker (hotel)	1
Chefs	9
Choreman	1
Cleaners	24
Coachmen	5
Cooks	11
Dish Washers	7
Elevator Tenders	14
Footman	14
Hotel Manager	1
Hotel Proprietor	1
Housemen	3
Kitchen Helper	1
Orderly	1
Porters	7
Stewards	2
Waiters	20
Ward Tenders	11
Window Cleaner	1
Valet	1

Drugs

Druggists	5

Dye House

Mixer	1

Electric Company

Bench Hand	1
Binder	1
Caster	1
Checking Clerk	1
Dipper	1
Electricians	16
Finisher	1
Inspector	1
Jewel Turner	1
Laborers	2
Lineman	1
Machinists	2
Packer	1
Stock Boy	1
Winder	1
Yardman	1

Electric Heat Company

Enamel Worker	1
Superintendent	1

Emery Wheel Factory

Lathe Hand	1

Engineers (Stationary)

Stationary Engineers	7

Envelope Factory

Fireman	1
Machine Operator	1

Employment Bureau

Manager	1

Express Company

Agent	1

Farm

Farmers	75
Farm Hand	1

Fire Escape Company

Iron Worker	1

Firemen (not Locomotive or Fire Department)

Firemen	6

Fish Market

Cutters	3
Dealers	2

Fishermen

Deep Sea Fishermen	20

Florists

Florists	5
Gardeners	23

Forestry

Foresters	4

Fruit Dealers

Dealers	3

Fur Factory

Stitchers	3

Furniture Factory

Cabinet Makers	3
Chair Maker	1
Chair Repairer	1
Dealer	1
Draftsman	1
Driller	1
Foreman	1
Hardwood Finisher	1
Helpers	2

Garage

Laborers	3
Managers	3
Mechanic	1
Repairmen	4

Garter Factory

Cutter	1

Gas Company

Coal Heaver	1
Gas Fitters' Assistants	3
Laborers	6

Gas and Coke Company

Coke Shoveler	1

Glass Company

Bottler	1
Glazers	2

Golf Links

Green Keeper	1

Granite Company

Cutter	1
Manufacturer	1
Polisher	1

Grocery Store

Dealers	19
Proprietors	3

Gun Powder Factory

Foreman	1

Hardware Store

Merchant	1
Porter	1

Harness Shop

Harness Maker	1

Hat Factory

Blackener	1
Finisher	1
Hatter	1

Horse Trader

Horse Trader	1

Ice Company

Dealer	1
Ice Men	4

Ice Cream Freezer Company

Laborer	1

Insurance

Adjuster	1
Agents	6
Brokers	9
Solicitor	1

Iron Foundry

Coil Makers	3
Iron Heater	1
Iron Moulders	16
Laborers	9
Painter	1
Stone Fitter	1
Superintendent	1

Janitors

Janitors	20

Jewelers

Jewelers	7

Jewelry Factory

Bench Hands	2
Counter Man	1
Electro-plater	1
Machinist	1
Manufacturer	1
Moulder	1
Polisher	1
Tool Maker	1

Junk Dealers

Dealers	8

Kitchen Ware

Merchant	1

Laborers

Foreman-Laborers	2
General Laborers	143
Street Pavers	253

Last Factory

Last Turners	2

Laundry

Agent	1
Laundrymen	3
Washers	2
Wringer	1

Leather Factory

Blackener	1
Embosser	1
Finishers	4
General Workers	5
Leather Manufacturer	1
Machine Operator	1
Polisher	1
Roller	1
Shaver	1
Skin Hanger	1
Spreader	1
Tacker	1

Lithograph Company

General Worker	1
Lithographers	3

Livery Stable

Harness Cleaner	1

Longshoremen

Longshoremen	10

Lumber Yard

Hardwood Finisher	1
Laborers	9
Lumber Dealers	3
Lumber Jack	1
Surveyors	3

Machine Shop

Bench Hands	3
Drillers	2
Finisher	1
Foreman	1
Laborers	4
Lathe Hand	1

Machine Tender	1
Machinists	82
Machinist's Helpers	11
Polishers	2
Pipe Maker	1
Scraper	1
Tool Makers	2

Match Factory

Sorter	1

Mattress Factory

Pillow Maker	1

Meat Market

Meat Cutters	5
Order Boy	1
Sausage Makers	2

Messengers, etc.

Errand Boy	1
Messengers	5
Office Boys	6

Metal Works

Apprentices	2
Metal Worker	1

Motion Picture

Lecturer	1
Operator	1

Motor Boat

Manufacturer	1

Navy Yard

Boiler Maker	1
Messenger	1
Rope Maker	1

Newsboys

Newsboys	4

Newspaper

Publisher	1

Novelties Manufacturing Company

Stamper	1

Oil Business

Cooper	1
Manager	1

Oil Cloth Company

Machine Hand	1

Organ Factory

Mechanic	1

Painters

Carriage Painter	1
House Painters	53

Paper Box Factory

Corner Cutter	1

Paper Hangers

Paper Hangers	6

Paper Mill

Engineer	1
General Workers	3
Machine Tender	1
Paper Makers	4
Sorter	1
Superintendent	1

Paper Ruling Company

Paper Rulers	2

Pattern Makers

Pattern Makers	2

Pedlers

Brooms and Brushes	2
Dry Goods	6
Fish	1
Frankforts	1
Fruit	11
Novelties	1
Rags	4

Rubber Coats	1
Vegetables	1
Photograph Company	
Photographer	1
Printer	1
Piano Factory	
Examiner	1
Tuners	2
Veneerer	1
Wood Carvers	2
Picture Frame Factory	
Frame Maker	1
Plasterers	
Plasterers	4
Plumbers	
Assembler of Supplies	1
Helper	1
Plumbers	6
Print Cloth Company	
General Worker	1
Printing Company	
Advertising	1
Apprentice	1
Compositors	3
Electrotyper	1
Linotyper	1
Pressmen	8
Printers	9
Produce	
Dealer	1
Professional	
Author	1
Artists	3
Civil Engineers	5
Clergymen	12
Consulting Engineer	1
Dentists	9
Editors	33
Lawyers	4
Lecturer	1
Librarian	1
Mathematician	1
Musicians	3
Nurses	7
Physicians	46
Pianist	1
Professors (Language)	3
School Teachers	7
Surgeon	1
Technician	1
Public Officials	
Congressman	1
Public Service	
Ash Collector	1
Cab Driver	1
Firemen	15
Fire Commissioner	1
Grease Collector	1
Letter Carriers	3
Moth Superintendent	1
Police Officers	8
Special Officers	2
Watchmen	13
Quarry	
Driller	1
Quarrymen	2
Stone Cutters	2
Raincoat Company	
Cementer	1
Stitchers	2
Real Estate	
Agents	3
Brokers	3
Religious and Charity Workers	
Gospel Worker	1
Social Workers	2
Visitor	1

Restaurant

Manager	1

Roofers

Roofers	8

Rope Factory

Rope Maker	1

Rubber Cement Company

Salesmanager	1

Rubber Factory

Assistant Foreman	1
Boot Makers	11
Cementers	4
Cloth Folder	1
Coat Makers	2
Curer	1
Cutters	2
Gummer	1
Heeler	1
Inspector	1
Machine Operator	1
Mixer	1
Spreader	1
Tire Makers	2
Trimmer	1
Vulcanizer	1
Washers	3

Salesmen and Clerks in Stores

Clerks	21
Salesmen	70
Stock Clerks	3

Sanatorium

Administrator	1

Sardine Factory

Paymaster	1

Scouring Mill

Wool Sorter	1

Seed Company

Mixer	1

Sewing Machine Factory

Bench Hand	1
Manager	1
Polisher	1

Sheet Metal Company

Sheet Metal Worker	1

Ship Yard

Crane Man	1
Drillers	2
Heater	1
Iron Workers	2
Machinist	1
Marine Oiler	1
Pipe Coverer	1
Rigger	1
Riveter	1
Ship Fitter	1
Shipsmith's Helper	1

Ship Supplies

Merchant	1

Shoe Factory

Assistant Foreman	1
Button Worker	1
Counter Moulders	2
Cutters	23
Edge Setters	2
Edge Trimmers	5
Finishers	4
Foremen	4
Goodyear Welters	3
Heel Cutters	8
Heel Polisher	1
Inspector	1
Ironers	2
Laborers	6
Last Boy	1
Lasters	17
Leveler	1
Machine Operator	1
Machinists	2
Moulder	1
Pattern Maker	1
Pegger	1
Puller-Over	1

Repairers	3
Shoe Foreman	1
Shoe Manufacturers	8
Solers	4
Sorters	2
Stainer	1
Stitchers	10
Stock Fitters	2
Sweeper	1
Tacker	1
Treers	4
Turner	1
Vampers	3

Shoe Store

Managers	2

Silk Mill

Weaver	1

Silver Factory

Finisher	1
Silversmiths	3
Trimmer	1

Slaughter House

Meat Cutter	1

Stable

Stablemen	6

Steamfitters

Steamfitters	3
Steamfitter's Helpers	4

Steam Gauge Company

Machinist	1

Steel Foundry

Melters	2
Saw Man	1

Store House

Managers	2

Stove Repair Company

Repairer	1

Structural Iron

Bridge Worker	1
Iron Helper	1
Wire Worker	1

Steam Railroad

Assistant Station Agent	1
Baggagemen	3
Boiler Makers' Helper	1
Brakemen	27
Car Cleaners	5
Car Inspectors	2
Car Sealer	1
Coal Heaver	1
Conductors	3
Crossing Tenders	3
Draw Tenders	3
Engineers	4
Firemen	13
Floor Cleaners	2
Foreman	1
Freight Brakemen	6
Freight Clerks	5
Freight Conductors	3
Freight Handlers	6
Gate Man	1
Guard	1
Iron Worker	1
Laborers	12
Lamp Lighters	2
Machinists	5
Mail Porter	1
News Agent	1
Section Foreman	1
Section Hands	9
Signal Men	2
Station Agent	1
Switchmen	3
Tariff Clerk	1
Trackman	1
Train Dispatcher	1
Water Carrier	1
Yard Conductors	4
Yard Clerk	1

Street Railroad

Brakemen	3
Carpenter	1
Conductors	13
Electrical Engineers	3
Laborer	1
Motormen	11
Sweepers	2
Trackman	1

Stock Raiser

Ranchman	1

Students

Students	456

Tailor Shop

Apprentice	1
Pressmen	3
Stitchers	2
Tailors	29

Tannery

Beamer	1
Finisher	1
Laborers	7
Staker	1
Tackers	3
Tanner	1

Teamsters, etc.

Expressmen	2
Furniture Mover	1
Teamsters	75
Truckmen	8

Telegraph Operators

Operators	3

Telephone Company

Guardman	1
Linemen	3
Wire Chief	1

Textile Company

Driller	1
Loom Fixer	1

Theatrical Business

Costumer	1

Tin Can Factory

Machine Operator	1

Tinsmiths

Tinsmiths	9

Tonic Company

Bottlers	5

Transportation Company

Captain	1
Managers	2

Typewriter Company

Cleaner	1

Undertaking Company

Caretaker	1
Embalmer	1
Undertaker	1

United Fruit Company

Special Officer	1

United States Army

Captains	3
Cook	1
Color Sergeant	1
Field Clerk	1
Privates	13
First Lieutenants	3
Second Lieutenant	1
Quartermaster	1

United States Navy

Boatswain	7
Chief Boatswain's Mates	2
Captain	1
Carpenter's Mates	3
Cooks	6
Corporals (Marine)	3
Electricians	2

Firemen	15
Gunner's Mates	4
Hospital Apprentice	1
Landsmen for Electricians	8
Machinist	1
Marine Engineers	7
Marine Fireman	1
Officer	1
Painter	1
Privates (Marine)	4
Quartermasters	2
Radio Operators	5
Seamen (1st Class)	23
Seamen (2d Class)	22
Yeomen	4
Upholsterers	
Upholsterers	3
Variety Store	
Store Keeper	1
Watch Factory	
Inspectors	2
Water Works	
Foreman	1
Wheel Company	
Moulders' Helper	1
Wholesale Dry Goods	
Cutter	1
Wine Store	
Manager	1
Wire Factory	
Laborers	5
Winders	2
Wrapper	1
Wood Work Shop	
Planers	3
Woodsmen (Log Camp)	
Woodsmen	5
Woolen Mill	
Bobbin Boy	1
Carders	3
Cleaner	1
Cloth Finisher	1
Cloth Inspector	1
Comber	1
Designer	1
Drawing Frame Tender	1
Dryer	1
Finishers	2
Knitter	1
Laborers	3
Loom Fixer	1
Machinist	1
Section Hand	1
Shearer	1
Sorters	2
Spinners	8
Weavers	13
Weigher	1
Worsted Mill	
Cloth Inspectors	2
Yarn Mill	
Quillers	3
No Occupation	338

FEMALE

Apron Factory	
Machine Operator	1
Automobile Factory	
Tube Makers	2
Baker's Shop	
Saleswoman	1
Beef Company	
Packer	1

Biscuit Factory

Packer	1

Bookbindery

Binder	1
Folders	2
Machine Operator	1
Wire Stitcher	1

Box Factory

Box Makers	4
Cover Maker	1
Paster	1

Braid Factory

Bow Maker	1

Brush Factory

Bristle Puller	1
Brush Setters	2

Candy Factory

Candy Maker	1
Dippers	5
Floor Girls	3
Packers	5
Sorter	1
Tiers	3

Carpet Factory

Power Machine Operator	1

Charity Work

Social Workers	3

Cigar Factory

Strippers	2

Clerical

Bookkeepers	16
Clerks	25
Secretary	1
Stenographers	8

Cloth Mill

Machinist	1

Clothing Factory

Stitcher	1
Waist Maker	1

Coat Factory

Stitcher	1

Commission for Blind

Weavers	2

Cotton Mill

Finishers	2
Inspector	1
Mill Hand	1
Skein Winder	1
Spinners	5
Spoolers	2
Tackers	2
Twister	1
Weavers	6

Cracker Factory

Labeler	1

Dentist's Office

Assistants	2

Department Store

Assistant Buyer	1
Embroiderer	1
Presser	1
Saleswomen	9

Domestic and Personal Service

Chambermaids	15
Checker	1
Childrens' Nurses	2
Cleaner	1
Cooks	24
Dish Washers	3
Governesses	3
Housekeepers	59
Housework	200
Kitchen Workers	4
Lady's Maid	1
Laundresses	10
Maids	38

Nurse Maids	9
Waitresses	33

Dyeing Company

Markers and Sorters	2

Electric Company

Machine Operator	1
Piece Work	1
Winders	2

Electric Light Company

Dealer	1

Film Company

Inspector	1

Gelatine Factory

Forewoman	1

Hair Dressing Parlor

Hair Dresser	1

Hat Factory

Stitcher	1

Hosiery Factory

Finisher	1
Knitter	1
Stitcher	1

Housewives

Housewives	1359

Interior Decorator

Interior Decorator	1

Knitting Mill

Button Hole Maker	1

Laundry

Feeder	1
Folder	1
Ironers	5
Laundresses	7
Mangle Girl	1
Shaker	1
Sorter	1

Machine Shop

Thread Lapper	1

Masseuse

Masseuse	1

Millinery Shop

Maker	1
Trimmers	3

Needle Shop

Machine Operator	1

Net and Twine Company

Errand Girl	1
Machine Operator	1

Novelty Shop

Box Liner	1

Paper Cup Factory

Paraffiner	1

Piano Factory

Machine Operator	1

Poultry Farm

Keepers	2

Physicians' Office

Secretaries	2

Professional

Anesthetists	2
Clergyman	1
Dietitians	3
Librarians	2
Music Teachers	4
Nurses	185

Physician	1
Pianist	1
Private Tutor	1
School Teachers	17
Technician	1
Violinists	2

Publishing Company

Examiner	1

Raincoat Factory

Stitchers	2

Razor Factory

Blade Inspectors	2
Filer	1

Reformatory

Officer	1
School Attendants	10

Rubber Factory

Lasters	2
Packers	2
Rubber Heel Inspector	1
Stitchers	3
Stock Girl	1
Tennis Maker	1
Upperer	1

Sanatorium

Attendant	1

Seamstresses

Seamstresses	39

Shoe Factory

Assistant Forewoman	1
Assembler	1
Barrer	1
Cementers	2
Shoe Dressers	2
Finisher	1
Floor Girl	1
Lacers	3
Liner	1
Packer	1
Perforators	2
Repairer	1
Sewing	1
Skivers	2
Sorter	1
Stitchers	22
Tap Sorter	1
Vamper	1
Winder	1

Silk Mill

Reeler	1

Students

Students	277

Sweater Factory

Examiner	1

Steam Railroad

Car Cleaner	1

Tailor Shop

Tailoresses	5

Tea and Coffee Factory

Packer	1

Telegraph Operators

Telegraph Operator	1

Telephone Operators

Telephone Operators	21

Theatre

Chorus Girl	1

Thread Factory

Loom Fixer	1

Towel Shop

Power Machine Operator	1

Underwear Factory

Stitchers	3
Winder	1

United States Navy

Yeowomen	4

War Supply Department

Sterilizer	1

Watch Factory

Jewel Setter	1
Machine Operator	1
Polisher	1

Woolen Mill

Burlers	2
Menders	2
Skein Winder	1
Specker	1
Speeder	1
Spooler	1
Weavers	5

Worsted Mill

Burler	1
Menders	2
Spooler	1

No Occupation	350

Table No. 5

TABLE OF ADMISSIONS, DISCHARGES, AND RESULTS AT THE GENERAL HOSPITAL FROM JANUARY 1, 1885 TO JANUARY 1, 1918

Year.	Total Admitted.	Free.	Paying Board all the Time.	Paying Part of the Time.	Whole Number Treated.			Deaths.	Percentage on Total Admitted.	Greatest Total.	Least Total.	Average.	Admitted through Emergency Ward.	New Out-Patients.	Out-Patient Visits.
					Paying Board.	Paying Board Part of Time.	Free.								
1885	2327	1910	371	46	382	46	2044	192	8.25	184	147	167	443	17016	.....
1886	2580	2124	392	64	409	64	2283	192	7.44	206	133	173	471	17925	.....
1887	2814	2340	429	45	447	45	2523	245	8.70	217	150	185	490	18981	.....
1888	3256	2549	553	154	570	154	2731	277	8.50	215	156	193	496	19472	.....
1889	2419	2825	500	94	514	94	3016	285	8.33	227	170	207	530	22939	.....
1890	3381	2546	581	254	599	254	2719	278	8.13	225	158	198	601	22545	.....
1891	3203	2566	425	212	449	212	2748	268	8.36	233	175	208	595	25819	.....
1892	3325	2612	549	164	566	164	2793	298	8.96	219	171	201	588	26718	.....
1893	3524	2768	614	142	627	146	2949	320	9.06	222	175	203	677	26527	.....
1894	3406	2683	621	102	636	107	2860	320	9.04	237	192	213	566	27989	.....
1895	3749	2553	1028	168	1091	168	2687	344	9.17	236	173	205	585	29146	.....
1896	4304	3103	1061	140	1124	140	3237	384	8.03	256	200	227	617	29867	.....
1897	4079	2841	1126	112	1220	112	2980	361	8.37	259	212	235	823	29181	.....
1898	4807	2854	1778	175	1868	175	3010	430	8.51	304	212	253	943	28741	.....
1899	4816	2812	1781	223	1882	223	2981	407	8.00	284	236	261	958	31003	.....
1900	4640	2985	1442	213	1534	213	3136	449	9.19	286	235	261	1171	31043	.....
1901	5094	3349	1385	360	1466	360	3527	496	9.26	283	217	255	1169	27667	.....
1902	4936	3227	1429	280	1521	280	3398	411	7.90	284	217	254	1024	27662	.....
1903	5080	3222	1653	205	1737	205	3399	438	8.62	305	251	274	1240	27865	.....
1904	5204	3251	1761	192	1861	192	3433	469	9.01	301	237	276	1246	25020	106,175
1905	5096	3073	1858	165	1968	165	3213	451	8.85	301	236	277	1527	21874	110,631
1906	5075	2850	2050	175	2188	175	2968	489	9.61	303	226	272	1650	20010	99,251
1907	5517	3285	2057	175	2189	175	3429	471	8.53	307	252	279	1829	20358	107,063
1908	5362	3417	1837	108	1971	108	3558	465	8.65	323	252	291	1586	20729	116,008
1909	5871	3380	2227	264	2378	264	3525	451	7.68	313	261	288	1737	21518	121,327
1910	6092	3523	2223	346	2361	346	3685	450	7.38	317	262	289	1695	22302	124,584
1911	6495	3874	2114	507	2269	507	4005	475	7.31	320	260	295	2289	22232	135,809
1912	6629	3470	2583	576	2777	613	3779	470	7.00	316	270	294	1939	22639	136,095
1913	6251	3014	2507	730	2670	763	3116	428	6.80	327	281	305	1693	24887	147,428
1914	6413	3252	2400	761	2606	844	3499	425	6.60	339	290	318	1658	24957	158,090
1915	6503	3424	2119	960	2227	960	3642	405	6.20	340	247	312+	1423	29213	190,628
*1916	6507	3047	2360	1100	2444	1193	3151	409	6.28	366	204	305+	1351	31061	201,375
1917	6699	2549	3591	559	3720	682	2620	401	5.98	330	244	318+	1612	31104	205,524

* Does not include Private Ward.

Total of patients in wards from the year 1821, 219,227.

REPORT OF THE GENERAL EXECUTIVE COMMITTEE

The General Executive Committee was established in April, 1912, in order that the medical activities of the hospital might be discussed and acted upon promptly by representative and responsible members of the staff and administration. Meetings have been held ordinarily once a week. In case of the prolonged absence of a member provision is made for an alternate. To aid in the understanding of questions, several persons from the staff and from outside the hospital have been invited to be present at meetings. On a few occasions members of the Board of Trustees have been present at a meeting, and at all times the path of communication between the two bodies has been open and easy and is made more so by vote of the Trustees, as follows:

"That the General Executive Committee be instructed to send after each of its business meetings, to the Secretary of the Trustees, a full report of the proceedings thereat, including a statement of each motion made and of the person making the motion, the vote upon it, and, if the maker of the motion so requests, an abstract of the reasons therefor."

Hospital Records

As a result of the trip taken a year ago by the Librarian to several of the large hospitals of the country, the following changes and additions have been made in the records:

The most important is the addition of a surgical sheet, which contains all points relative to an operation, including the "surgeon's notes," which are dic-

tated by him to a stenographer immediately following the operation, and, after being transcribed, are signed by him. These notes have proved of great value in cataloguing, especially in a so-called "important point catalogue," which was started last May, but on account of present conditions had to be dropped along with much other valuable detail work.

The "surgeon's card" and the large "name-and-end-result" card have been abolished. The surgical sheet takes the place of the former; and a much smaller but quite as comprehensive a name card replaces the latter, while end-results are entered at the end of a history where they properly belong.

For the clinical catalogue, only the most important diagnosis is indexed in full, minor diagnoses and complications being indexed by service and number only, with a reference to the full card.

The annual report on operations has this year been compiled on cards in such a way that after the report is printed these cards may be distributed through the clinical catalogue under their proper diagnosis headings and serve as a ready reference to the number of times a given operation has been done for a given diagnosis, at the same time giving record references to all such operations.

The amount of work on the preparation of records for binding has been reduced by discontinuing the separation of records into male and female volumes, and by omitting the less important half of the indexes.

While the above changes are not direct copies of work seen in other hospitals, they are the outgrowth of observations made.

As a result of this visit to other hospitals a surgical sheet containing notes of anesthesia and details of operation have been added to the records. Much time is wasted in copying sometimes hurried and illegible records.

Graduate Courses

In order that the relations of the Hospital and the Graduate School may be satisfactorily maintained, the General Executive Committee of the Hospital has a Committee on Graduate Courses, consisting of one representative from the medical division, one from the surgical division, and an assistant resident physician, which has supervision over all matters concerning graduate teaching in the hospital, and which is intended to further and maintain harmonious relations with the Graduate School of Medicine of Harvard University.

Medical Department

Investigative work has very largely been held up because of war conditions. At the time of writing this report there are from the Medical Service of the hospital twelve men on active military duty. Four men are doing special examining work and two are connected with special missions.

Sub-Department of Tropical Medicine

Certain investigations are being undertaken in this department: *a,* problems of general biological interest concerning radiant energy; *b,* the etiology of pellagra; and *c,* a study of the active principle of Chapparo Amargoso.

Industrial Clinic

The industrial clinic has developed satisfactorily during the year. The clinic was established in March, 1916, as an outgrowth of the work done for the three preceding years by a worker of the Social Service Department. This clinic was temporarily closed June 8,

1917, because of a lack of men to do the work, due to war conditions.

Children's Medical Service

Dr. Louis W. Gilbert has resigned. Despite the war certain investigations are being conducted in addition to the routine conduct of the clinic. Metabolism is being studied, particularly energy metabolism in older children. Many of the departments are doing work connected in one way or another with the war, especially upon the conservation of child life. Members of the department are serving upon active committees of various sorts, such as the Advisory Committee on Child Conservation under the State Board of Health of Massachusetts, the Sub-Committee of the Medical Section of the Council of National Defense in Child Welfare and Allied Subjects.

The Clinics for Pulmonary and Non-Pulmonary Tuberculosis

These clinics have been conducted throughout the year. There were in the non-pulmonary tuberculosis section 96 new patients, and 186 patients in all under treatment during the year. In the pulmonary tuberculosis section there has been an average attendance of from 20 to 30 patients.

Department of Syphilis

The past year has been an active one in this department. The daily average number of patients is now 80. Twenty-five to thirty injections of diarsenol are given daily. During September, October and November, there was an increase of over 300 visits per month to the clinic as compared with the same months last year.

Through the use of beds in the Emergency Ward

certain patients not responding to the intravenous treatment have received intraspinous medication. The study of the spinal fluid has been undertaken in a large group of cases. Pleasant relations to a mutual clinical advantage have been maintained between this department and the Boston Lying-In Hospital, the Eye and Ear Infirmary, and the Huntington Hospital.

Laryngological Department

Of the staff of the Laryngological Department three members are on active military duty in France and three in this country. The pressure of work which this would otherwise cause has been largely relieved by the appointment of three temporary volunteers, two of whom are past members of the staff.

The work of the department has been steadily increasing. The total number of cases for the year was 21,584, an increase of 7,319 over the same period last year. The number of tonsil and adenoid operations for these 12 months was 1,582, and for all operations 2,165.

In addition to the routine work of the clinic and operations, a section of students has been taught each morning for eight months, and the special clinics for anaphylactic cases and for speech defects have been maintained.

Dermatological Department

The Dermatological Department has continued the routine of the clinic satisfactorily during the year. The value of the presence of a chief clinic secretary is always in evidence, and more uniform and efficient methods are possible.

The staff has co-operated in conducting some special research work upon " The clinical relationship to skin diseases, especially psoriasis, of the vaso-motor phenomena commonly attributed to anaphylaxis."

Neurological Department

Three members of this department are rendering military service.

The work on syphilis of the nervous system has been continued so that further statistics of value as to the effects of various forms of treatment are at hand. The work on epilepsy has been vigorously prosecuted. The clinic in psychotherapy is developing. Interest in peripheral nerve injuries continues. The department feels the need for more hospital beds if the neurological service is to accomplish its best results.

Surgical Department

The general surgical services have been conducted satisfactorily despite the absence of men in military work. Several surgeons, former House Officers of the hospital, have volunteered their services in the Out-Patient Department and have thus contributed to a smooth conduct of these clinics.

Certain special work assigned to individuals at the beginning of the year has been turned back into the general service because of the absence of the men in war work. Men of the Medical Reserve Corps of the Army have been assigned by the Surgeon General of the United States Army to this hospital for special instruction, and members of the Surgical Department and several others have given liberally of their time to this important work.

Orthopedic Service

Many members of this department are on duty in the Medical Reserve Corps of the Army. The Surgeon General has also assigned Medical Officers to this department for instruction. As many as 35 men at one time have been in attendance. The Chief of the de-

partment is serving as the head of the orthopedic work in America in connection with the United States Army.

Infantile Paralysis Clinic

This clinic has been of great service to the 193 cases that have been taken care of during the past year. The infantile paralysis ambulance has facilitated the work. There have been 7,600 treatments given at the hospital to this group of patients. Nineteen cases were visited outside of the hospital, and 1,595 cases were given treatment outside of the hospital.

Consultation Clinic

This clinic has met a definite need in the community. It was found necessary to discontinue it on September 28, 1917, because of the gradual decrease in the personnel of the hospital staff. At some future date it is intended to reopen this important clinic.

Algernon Coolidge
David L. Edsall
Charles L. Scudder
Charles A. Porter
William H. Smith
Joseph B. Howland [*Secretary*]
General Executive Committee.

REPORT OF THE PATHOLOGICAL LABORATORY

The usual routine bacteriological, chemical, microscopical and pathological examinations in connection with the study of diseases of the patients of the hospital have been carried on as in previous years.

During the year 126 autopsies, one of which was a case from outside, were performed in the laboratory and the post-mortem appearances recorded. The percentage of autopsies among the deaths occurring in the hospital is 30 per cent, as compared with 31 per cent in 1916. This continued small proportion of cases in which an autopsy was permitted is to be regretted, for it hampers the progress of medical knowledge among physicians, surgeons and students who frequent the hospital, and also lessens the value for medical research of the clinical records of the hospital.

Of microscopical preparations from autopsy material, 1,597 have been prepared and filed during the year, as compared with 1,384 in 1916.

Reports rendered for bacteriological examinations for the micro-organisms of diphtheria, typhoid fever, and other diseases number 2,100. This is about half as many as in 1916, when an unusually large number of examinations for diphtheria bacilli were required.

For testing various specimens for the presence of tubercle bacilli, 166 guinea pigs were used. In 1916 the number was 236. This decrease in the number of guinea pigs used for this purpose is probably due to the increased use of the direct microscopical examination of the centrifugated urine.

Reports of gross and microscopical appearances and

the pathological diagnosis of 1,130 specimens from the medical and surgical clinics were rendered. From this material 2,647 microscopical preparations were made and filed. The corresponding figures for 1916 were 1,785 and 2,840.

The number of specimens of blood tested for evidence of infection with syphilis is 6,459 as compared with 10,436 in 1916; 605 specimens of blood were also tested for evidence of infection with gonorrhea; in 1916 the number was 1,425. Some of these specimens came from the Massachusetts Charitable Eye and Ear Infirmary and the Peter Bent Brigham Hospital.

Chemical examinations of specimens to the number of 1,194 were made by Dr. W. Denis as against 1,060 in 1916.

Other statistics are:

Colloidal gold tests of spinal fluid, 129.

Complement fixation tests for infection with Tenia echinococcus, 17.

Bacteriological tests of milk, 117.

The treatment of patients with bacterial vaccines has been continued and during the year 139 cases were so treated as compared with 164 in 1916.

The facilities and material offered by the laboratory for the instruction of physicians and students of the Harvard Medical School in bacteriology, pathology, and diagnosis by laboratory methods have continued to be extensively utilized.

The weekly conferences and discussions of clinico-pathological aspects of the cases conducted in the amphitheatre of the laboratory before fourth-year students and others have been continued during the academic year and extended through the summer months in accordance with the war schedule of the Harvard Medical School. These exercises have been conducted by Drs. Oscar Richardson, R. C. Cabot and Hugh Cabot, and, in the absence of the two latter on military service abroad, by Dr. W. H. Smith and E. L.

Young, Jr. The attendance has been good and much interest has been manifested.

The two courses in medicine and pathology for practitioners given by Drs. W. H. Smith and Oscar Richardson during four months of the year have been well attended in spite of war conditions. Many of these physicians come from other cities and towns. These courses are regarded as highly successful.

The conferences and courses above mentioned are held in the amphitheatre of the laboratory. The considerable number of (sometimes more than fifty) persons attending and the increasing demand for preserved specimens for teaching makes space for hanging hats and coats and for storage of specimens desirable.

Dr. H. F. Hartwell has given instruction in surgical pathology to students and has continued the collection and preservation of specimens for teaching purposes.

Dr. A. E. Steele has instructed three students in the preparation and use of bacterial vaccines.

Instruction in pathology to sections of second-year men and special courses to 15 students of the Harvard Medical School have been given by Dr. J. H. Wright, who has also given some of the lectures at the Harvard Medical School in second-year courses in pathology, and two lectures on the Wassermann test to fourth-year students.

The room in the laboratory for students in clinical medicine has continued to be used by them during their courses.

The following publications based in whole or in part on observations and studies made in the laboratory have appeared during the year on the following subjects:

Colon bacillus pyelo-nephritis, by Drs. E. G. Crabtree and H. Cabot; A study of 29 cases of the echinococcus test, by Drs. L. Davis and G. M. Balboni; An analysis of 133 fractures of the spine, by Dr. J. B. Hartwell;

The significance of the blood platelets, by Drs. R. I. Lee and G. R. Minot; Tumors of the spinal cord, by Dr. W. J. Mixter; Perforation of the stomach and duodenum, by Dr. E. P. Richardson; Observations on the heart of the sperm whale, by Drs. P. D. White and W. J. Kerr; The viscous metamorphosis of blood platelets, by Drs. J. H. Wright and G. R. Minot. By Dr. W. Denis, Cholesterol in human blood under pathological conditions; The influence of the protein intake on the excretion of creatine in man; A note on the diurnal variations in creatine excretion; The influence of splenectomy on metabolism in anemia; The non-protein constituents on edema fluids. By Drs. W. Denis and J. C. Aub, Blood sugar in hyperthyroidism. By Drs. W. Denis and J. G. Kramer, The influence of protein intake on creatine excretion in children. By Dr. W. Denis and A. S. Minot, The production of creatinuria in normal adults. By Dr. Otto Folin, Recent biochemical investigations on blood and urine; their bearing on chemical and experimental medicine. By Drs. O. Folin and R. D. Bell, Applications of a new reagent for the separation of ammonia. By Drs. O. Folin and E. A. Doisy, Impure picric acid as a source of error in creatine and creatine determinations.

Of other special studies and work carried on in the laboratory, and not represented in the foregoing list of publications, the following may be mentioned.

Dr. H. F. Hartwell has continued his work in the late manifestations of experimental syphilis in the rabbit and on certain special problems in surgical pathology.

Dr. F. T. Lord worked on the special problem of the bacteria of the tonsils.

Drs. Folin and Denis have worked on the development of methods for the analysis of breast milk, and are now engaged on the investigation of several problems relating to changes which occur in the fluid under various physiological and pathological conditions.

Dr. Denis has also worked on an improved technique for the detection of lead in urine and stools, and on the influence of alkali administration on protein metabolism.

Dr. J. H. Wright worked on a better method of demonstrating the micro-organism of syphilis in tissue, and methods of shortening the time required for the making of microscopical preparations. He has succeeded in cultivating the micro-organism from a case of mycetoma, and has studied the lesions of poliomyelitis in man and monkeys by a special staining method in an endeavor to demonstrate the presence of micro-organisms. He has given much attention to the study of the histology of the lesions in various diseases, and to revision of the autopsy records.

Respectfully submitted,

J. Homer Wright, M.D., S.D.,
Pathologist.

REPORT OF THE ROENTGENOLOGICAL DEPARTMENT

The number of patients examined in this department during the year of 1917 has been somewhat less than that of the preceding year. The total number of 14,975 is, however, greater than the average of the past three years. The reason for this decrease in the number of cases is probably due in part to conditions brought about by the war, and to the necessity for economy which is being felt especially in this work where the normal expense is large. The additional space allowed, and the equipment installed last year, has increased considerably the efficiency of the department.

The staff of the department has undergone several changes during the year. Dr. Adelbert S. Merrill, Assistant Roentgenologist, is with Base Hospital No. 6 in France. Both technicians are also in military service. The House Physician, Dr. Sherwood Moore, accepted the position of Roentgenologist in charge of the X-Ray Department in the Washington University Hospital, St. Louis. Dr. E. Denton McCarty was appointed House Physician, April 20, 1917, and has been of great assistance in carrying out the work of the department.

All male employees in the department have been replaced by female. Graduate nurses are now doing the work formally done by technicians and photographers. This arrangement has proven most satisfactory, both in the character of the work done and in the handling of the patients. Their previous training enables them to carry out their part of the work with

less medical supervision and to give to the sick patient the especial care which his case requires.

The department has been opened to physicians who are engaged in X-ray work, or who have had especial training in this specialty. They are rated as volunteer assistants, and full time for two months, at least, is required. Applicants for the position have so far been in excess of the opportunity for appointment. The men accepting the appointments help in carrying on the work, and have been of definite assistance.

The object of this arrangement is to offer to the radiologists of smaller towns and hospitals an opportunity to work in a large clinic where problems in technic or diagnosis can be studied.

A similar course has been offered to graduate nurses. This course has also been well patronized. The nurses give full time, and are instructed in, and allowed to do, technical work.

The large amount of valuable teaching material in the department has been classified, and groups of typical lesions arranged in such a manner as to make them available for teaching or study.

Two courses of instruction have been given to members of the Medical Officers Reserve Corps in connection with the course on fractures given by Dr. Scudder. Fifteen men received instruction of one hour a week for two weeks. Forty members of the Naval Officers Reserve Corps were given similar courses.

The usual post-graduate and undergraduate teaching has been carried on. Twelve physicians were given post-graduate instruction. The undergraduate work has consisted of teaching in sections to the third- and fourth-year classes.

Through the generosity of Mr. C. P. Beebe, a fund has been placed at the disposal of the department to equip an operating room with X-ray apparatus for the direct study of fractures. Arrangements have been made for the purchase of this equipment. It

consists of a transformer for raising the voltage of the lighting current to one sufficiently high to operate an X-ray tube. The entire unit, including the tube, is enclosed in a cabinet and immersed in oil. It is very compact, and can be easily moved from one room to another. It requires no special wiring, and the oil insulation prevents the possibility of a spark from the electrical apparatus igniting ether fumes when present. The apparatus is designed to be used at the time of operation, for the better adjustment of fractures, and should prevent the necessity of open reduction, in part of the cases at least.

A second unit in the equipment is designed for the examination of patients in the wards who are very sick, or where for other reasons it is not advisable to move them to the X-ray or operating rooms. This outfit is also especially adapted for its purpose. It should make possible better work, and save the patients considerable discomfort.

In addition to the statistical report published on page 173, it may be of interest to state briefly the character of the cases being studied in the department. In 1,735 cases, a complete examination of the gastro-intestinal tract was made, 942 of which showed a definite lesion; 375 patients were examined for lesions of the urinary tract, 246 of which were negative; 320 patients were referred for examination of the heart and great vessels. The value of the X-ray in obtaining the size and shape of the heart and aorta is shown by the number of cases referred. Patients to the number of 564 were examined for diseases of the lungs; 122 of these were negative; 155 were interpreted as phthisis, or probable phthisis, and 64 were cases of pneumonia. The remaining 223 were about equally divided among the other diseases of the lungs.

The demand for therapeutic work, while slightly less than in 1916, has been large. This work is done at a considerable disadvantage, for the reason that we

are unable to select our cases, and because we are unable to combine the X-ray treatment with that of radium, which is not available at present. Thirty-one cases of epithelioma were treated with excellent results. Thirty new cases of hypothyroidism were treated and received relief. Twenty-four epilations for diseases of the scalp were given, and 19 cases of inoperable or recurrent carcinoma were given intensive radiation. Most of these patients received partial relief from pain, and some showed definite improvement. We are in need of more equipment to carry on this work, which may offer some help in treating a disease which is so often helpless. The above-mentioned cases represent only part of the diseases which have been treated. They were selected either because of their numbers, or because of the results obtained.

Respectfully submitted,

George W. Holmes, M.D.,
Roentgenologist.

LIST OF STAFF PUBLICATIONS

MEDICAL DEPARTMENT

JOSEPH C. AUB, M.D. (See also Publications by J. H. MEANS and WILLEY DENIS.)

Clinical calorimetry; papers 19 to 24:

Nineteenth Paper. Basal metabolism of old men. By J. C. Aub, and E. F. DuBois. Arch. of Intern. Med., 1917, xix, 823.

Twentieth Paper. Effect of caffein on the heat production. By J. H. Means, J. C. Aub, and E. F. DuBois. Arch. of Intern. Med., 1917, xix, 832.

Twenty-first Paper. Basal metabolism of dwarfs and legless men, with observations on the specific action of proteins. By J. C. Aub and E. F. DuBois. Arch. of Intern. Med., 1917, xix, 840.

Twenty-second Paper. Respiratory metabolism in nephritis. By J. C. Aub and E. F. DuBois. Arch. of Intern. Med., 1917, xix, 865.

Twenty-third Paper. Effect of Roentgen ray and radium therapy on the metabolism of a patient with lymphatic leukemia. By J. B. Murphy, J. H. Means, and J. C. Aub. Arch. of Intern. Med., 1917, xix, 890.

Twenty-fourth Paper. Metabolism in three unusual cases of diabetes. By F. C. Gephart, J. C. Aub, E. F. DuBois, and Graham Lusk. Arch. of Intern. Med., 1917, xix, 908.

P. CHALLIS BARTLETT, M.D.

Prognosis in pulmonary tuberculosis. Med. Rec., 1917, xci, 1091.

RICHARD C. CABOT, M.D.

Diagnosis, prognosis and treatment of nephritis. Long Is. Med. Jour., 1917, xi, 285.

DAVID L. EDSALL, M.D.

Bearings of industry on medical practice. Bos. M. & S. J., 1917, clxxvii, 575.

JOHN B. HAWES, 2D, M.D.

Are sanatoria worth while? Study of the present condition of 1000 patients discharged from Massachusetts State Sanatoria, 1912–1916. Read before the National Tuberculosis Association, May, 1917.

Compromising with consumptives. Med. Rec., 1917, xcii, 447.

"Constitutional" versus "local" signs and symptoms in the diagnosis of early pulmonary tuberculosis. Bos. M. & S. J., 1917, clxxvi, 307.

Definitions and diagnostic standards in the diagnosis of pulmonary tuberculosis in adults. Bos. M. & S. J., 1917, clxxvii, 145.

Lumps in the neck, with special reference to tuberculous cervical adenitis. Interst. Med. Jour., 1917, xxiv, 259.

Progress in tuberculosis; a collective abstract of important articles published during 1916. Bos. M. & S. J., 1917, clxxvii, 537.

Pulmonary puzzles. Bos. M. & S. J., 1917, clxxvii, 912.

Tuberculosis an industrial accident. Med. & Surg., 1917, i, 777.

Tuberculosis in infancy and childhood; a collective abstract. Interst. Med. Jour., 1917, xxiv, 537.

What Massachusetts is doing to prevent and control tuberculosis. Amer. Rev. of Tuberc., 1917, i, 159.

ROGER I. LEE, M.D. (See also Publications by GEORGE R. MINOT.)

Health and disease; their determining factors. Little, Brown & Co., Boston, 1917.

Significance of blood platelets. By R. I. Lee & G. R. Minot. Cleve. Med. Jour., 1917, xvi, 65.

Simple and rapid method for the selection of suitable donors for transfusion by the determination of blood groups. Brit. Med. Jour., 1917, ii, 684.

Walter Dodd in France in 1915. Bos. M. & S. J., 1917, clxxvi, 764.

FREDERICK T. LORD, M.D.

Newer methods of diagnostic technic. Bos. M. & S. J., 1917, clxxvii, 309.

JAMES H. MEANS, M.D. (See also Publications by JOSEPH C. AUB.)

Effect of caffein on the reaction to carbon dioxide of the normal human respiratory mechanism. By G. P. Grabfield and J. H. Means. Jour. Pharm. & Exper. Therap., 1917, x, 159.

Observations upon a case of extreme acidosis occurring in a man with bilateral cystic kidneys. By J. H. Means and O. F. Rogers, Jr. Amer. Jour. Med. Sc., 1917, cliii, 420.

Study of exophthalmic goitre from the point of view of the basal metabolism, with remarks concerning the effect of various forms of treatment. By J. H. Means and J. C. Aub. Jour. A. M. A., 1917, lxix, 33.

GEORGE R. MINOT, M.D. (See also Publications by ROGER I. LEE and ANDREW W. SELLARDS.)

Coagulation time of the blood in pneumonia. By G. R. Minot and R. I. Lee. Jour. A. M. A., 1917, lxviii, 545.

Diminished blood platelets and marrow insufficiency. A classification and differential diagnosis of purpura hemorrhagica, aplastic anemia and allied conditions. Arch. of Intern. Med., 1917, xix, 1062.

Hemorrhagic conditions. Bos. M. & S. J., 1917, clxxvii, 222.

Treatment of pernicious anemia; especially by transfusion and splenectomy. By G. R. Minot and R. I. Lee. Bos. M. & S. J., 1917, clxxvii, 761.

JOSEPH H. PRATT, M.D. (See also Publications by BETH VINCENT.)

Results obtained by the class method of home treatment in pulmonary tuberculosis during a period of ten years. Bos. M. & S. J., 1917, clxxvi, 13.

Study of the diastatic activity of the urine and feces with special reference to diseases of the pancreas. By C. W. McClure and J. H. Pratt. Arch. of Intern. Med., 1917, xix, 568.

The tuberculosis class: an experiment in home treatment. Jour., Outdoor Life, 1917, xiv, 74.

FRANCIS M. RACKEMANN, M.D.

Interesting reactions incidental to the treatment of two cases of bronchial asthma. Jour. A. M. A., 1917, lxix, 889.

Renal insufficiency with urticaria. Jour. of Urol., 1917, i, 351.

WILLIAM D. REID, M.D.

Variations in pulmonary voice sounds. Bos. M. & S. J., 1917, clxxvi, 601.

ANDREW W. SELLARDS, M.D.

Bacterial cultures of spleens. New Orleans Med. & Surg. Jour., 1917, lxix, 502.

Preparation of hemoglobin for clinical investigations. By A. W. Sellards and G. R. Minot. Jour. Med. Res., 1917, xxxii, 161.

Principles of acidosis and clinical methods for its study. Harv. Univ. Press, Camb., 1917.

FREDERICK C. SHATTUCK, M.D.

James Clarke White (1833–1916). Proc., Amer. Acad. Arts & Sciences, 1917, lii, October.

Sir Thomas Lauder Brunton (1844–1916). Proc., Amer. Acad. Arts & Sciences, 1917, lii, October.

George C. Shattuck, M.D.

Three-day fever. New Orleans Med. & Surg. Jour., 1917, lxix, 559.

Variations in pulmonary resonance. Bos. M. & S. J., 1917, clxxvi, 599.

William H. Smith, M.D.

Some points in the diagnosis of cardiac conditions. Read before the Providence Medical Society.

Paul D. White, M.D. (See also Publications by G. W. Holmes.)

Heart of the sperm whale with especial reference to the A–V conduction system. By P. D. White and W. J. Kerr. Heart, 1917, vi, 207.

Voluntary acceleration of the rate of the heart beat. By John Favill and P. D. White. Heart, 1917, vi, 175.

Wade Wright, M.D.

The hospital and industrial hygiene. Amer. Jour. Pub. Health, 1917, vii, 949.

DEPARTMENT OF SYPHILIS

C. Morton Smith, M.D.

Teaching of syphilis in school and hospital. Jour. Cutan. Dis., 1917, xxxv, 726.

CHILDREN'S MEDICAL DEPARTMENT

William R. P. Emerson, M.D.

Food habits of delicate children. N. Y. Med. Jour., 1917, cv, 361.

Group study of the results of 100 physical and mental examinations of so-called well children. Internat. Clinics, 1917, ser. 27, v. 2.

Results of treatment of the defects found in 100 consecutive children admitted to the New England Home for Little Wanderers. Little Wanderers' Adv., 1917, liii, no. 2.

The delicate child. Little Wanderers' Adv., 1917, lii, no. 2.

Warren R. Sisson, M.D.

A new pathogenic sporotrichum. By S. B. Wolbach, W. R. Sisson, and F. C. Meier. Jour. Med. Res., 1917, xxxvi, 337.

Experimental studies of the industrial flora. Amer. Jour. Dis. of Child., 1917, xiii, 117.

Richard M. Smith, M.D.

Danger to children from tuberculosis in cattle. Bos. M. & S. J., 1917, clxxvii, 657.

FRITZ B. TALBOT, M.D.

Asthma in children, III. Its treatment. Long Is. Med. Jour., 1917, xi, 245.

Physiology of the new-born infant. Amer. Jour. Dis. of Child., 1917, xiii, 495.

Role of food idiosyncrasies in practice. N. Y. State Jour. Med., 1917, xvii, 419.

Twenty-four-hour metabolism of two normal infants, with special reference to the total energy requirements of infants. Amer. Jour. Dis. of Child., 1917, xiv, 25.

SURGICAL DEPARTMENT

WILLIAM P. COUES, M.D.

Fracture of the cuboid bone. Bos. M. & S. J., 1917, clxxvii, 117.

Nikolai Ivanowich Pirogoff (1810–1881). The Father of Russian surgery. Med. & Surg., 1917, i, 5.

Obscure tarsal and malleolus fractures. Med. & Surg., 1917, i, 801.

Surgical syphilis. Jour., Maine Surg. Ass'n, 1917, April.

LINCOLN DAVIS, M.D.

Personal experience with carcinoma of the cervix. Bos. M. & S. J., 1917, clxxvi, 660.

Study of 29 cases of echinococcus disease at the Massachusetts General Hospital. By Lincoln Davis and G. M. Balboni. Bos. M. & S. J., 1917, clxxvi, 726.

ROBERT B. GREENOUGH, M.D.

Handling of early and doubtful cases of cancer. Ann. of Surg., 1917, lxvi, 385.

Report of results of radium treatment at the Collis P. Huntington Memorial Hospital by the Cancer Commission of Harvard University. By W. Duane and R. B. Greenough. Bos. M. & S. J., 1917, clxxvii, 359.

TORR WAGNER HARMER, M.D.

Appendicitis. Bos. M. & S. J., 1917, clxxvi, 165.

Spina bifida and allied malformations; based on an operative experience of 34 cases. Bos. M. & S. J., 1917, clxxvii, 353.

Tendon suture. Bos. M. & S. J., 1917, clxxvii, 808.

Walter James Dodd, M.D. An obituary sketch. Bos. M. & S. J., 1917, clxxvi, 106.

JOHN B. HARTWELL, M.D.

Analysis of 133 fractures of the spine treated at the Massachusetts General Hospital. Bos. M. & S. J., 1917, clxxvii, 31.

SAMUEL J. MIXTER, M.D.

Conservatism in surgery. Ann. of Surg., 1917, lxvi, 257.

Presidential address to the New England Surgical Society. Bos. M. & S. J., 1917, clxxvi, 111.

WILLIAM J. MIXTER, M.D.

Tumors of the spine and cord. Bos. M. & S. J., 1917, clxxvi, 452.

CHARLES A. PORTER, M.D.

Dr. Walter James Dodd. Bos. M. & S. J., 1917, clxxvi, 763.

Surgery of the peripheral nerves. Surg., Gynecol. & Obstet., 1917, xxiv, 144.

EDWARD P. RICHARDSON, M.D.

Acute and subacute perforations of the stomach and duodenum at the Massachusetts General Hospital. Bos. M. & S. J., 1917, clxxvi, 158.

Jejunal ulcer; a report of two cases treated by resection and end-to-end anastomosis of the jejunum. Bos. M. & S. J., 1917, clxxvi, 118.

EDWARD H. RISLEY, M.D.

Hemostasis by interposition of muscle, fat, and fascia in parenchymatous organs. Surg., Gynecol. & Obstet., 1917, xxiv, 85.

Modern treatment of burns, with special reference to severe burns and to the use of ambrine and its substitutes. Bos. M. & S. J., 1917, clxxvii, 343.

Report of treatment of carcinoma of cervix at the Huntington Hospital for a period of four years. Bos. M. & S. J., 1917, clxxvii, 891.

CHANNING C. SIMMONS, M.D.

Hodgkin's disease: report on cases observed at Collis P. Huntington Memorial Hospital from April, 1913, to July, 1916, with special reference to treatment with radium and the x-ray. By C. C. Simmons and George Benet. Bos. M. & S. J., 1917, clxxvii, 819.

Letters from wounded British soldiers to a Harvard surgeon. Harv. Alumni Bull., 1917, xix, 36.

Report of a service with the First Harvard Surgical Unit serving at a British base hospital, with the end-results of the cases one year later. Bos. M. & S. J., 1917, clxxvii, 1.

The follow-up system. Bos. M. & S. J., 1917, clxxvii, 275.

Treatment of osteomyelitis. Bos. M. & S. J., 1917, clxxvi, 653.

BETH VINCENT, M.D.

Absorption of fat in partially, and in completely depancreatized dogs. By C. W. McClure, Beth Vincent, and J. H. Pratt. Jour. Exper. Med., 1917, xxv, 381.

WYMAN WHITTEMORE, M.D.

Strangulated inguinal hernia with a gangrenous appendix. Bos. M. & S. J., 1917, clxxvi, 707.

ORTHOPEDIC DEPARTMENT

ELLIOTT G. BRACKETT, M.D.

Application of the median patella incision for a knee arthrotomy. Bos. M. & S. J., 1917, clxxvi, 153.

Osteochondritis dessicans. By E. G. Brackett and C. L. Hall. Amer. Jour. Orth. Surg., 1917, xv, 79.

Treatment of old ununited fracture of the neck of the femur by transplantation of the head of the femur to the trochanter. By E. G. Brackett and M. S. New. Bos. M. & S. J., 1917, clxxvii, 351.

LLOYD T. BROWN, M.D.

Combined medical and postural examination of 746 young adults. Amer. Jour. Orth. Surg., 1917, xv, 774.

C. HERMANN BUCHOLZ, M.D.

Plea for a more frequent use of rational functional methods in the treatment of fractures. Amer. Jour. Orth. Surg., 1917, xv, 447.

The stiff and lame shoulder. Jour. A. M. A., 1917, lxix, 968.

Therapeutic exercise and massage. Lea & Febiger, Phil., 1917.

HERMAN W. MARSHALL, M.D.

An orthopedic innersole for shoes. Amer. Jour. Orth. Surg., 1917, xv, 788.

Results of treatment for fractures of carpal bones. Bos. M. & S. J., 1917, clxxvi, 333.

ROBERT B. OSGOOD, M.D.

Adaptation of Thomas and Jones splints to obtain fixation of the arm in an abducted position while the patient is ambulatory. Brit. Med. Jour., 1917, ii, 477.

MARK H. ROGERS, M.D.

Analysis of 50 cases of sciatica. Jour. A. M. A., 1917, lxviii, 425.

Analysis of 75 cases of tuberculosis of the spine in the adult. Amer. Jour. Orth. Surg., 1917, xv, 208.

Marius N. Smith-Petersen, M.D.

A new supra-articular subperiosteal approach to the hip joint. Amer. Jour. Orth. Surg., 1917, xv, 592.

GENITO-URINARY DEPARTMENT

J. Dellinger Barney, M.D.

Influence of the venous collateral circulation of the kidney on hydronephrosis. Ann. of Surg., 1917, lxv, 597.

E. Granville Crabtree, M.D., and Hugh Cabot, M.D.

Colon bacillus pyelonephritis: its nature and possible prevention. Jour. A. M. A., 1917, lxviii, 589.

Richard F. O'Neil, M.D.

Clinical observations on 331 cases presenting symptoms of nephrolithiasis. Bos. M. & S. J., 1917, clxxvi, 623.

Value of bacillus Bulgaricus in treatment of coccus infections of the bladder. Ann. of Surg., 1917, lxv, 621.

George Gilbert Smith, M.D.

Bladder disturbances due to nerve lesions. Jour. A. M. A., 1917, lxix, 1323.

Renal stone. Bos. M. & S. J., 1917, clxxvi, 524.

Edward L. Young, Jr., M.D.

Clinical diagnosis of lithiasis of the upper urinary tract. Jour. A. M. A., 1917, lxix, 1490.

NEUROLOGICAL DEPARTMENT

James B. Ayer.

Determination of activity of the pathological process; the keynote in treatment and prognosis in syphilis of the central nervous system. Rhode Island Med. Jour., 1917, i, 239.

Charles A. McDonald, M.D.

Some remarks on exophthalmic goitre. Rhode Island Med. Jour., 1917, i, 227.

James J. Putnam, M.D.

Sketch for a study of New England character. Jour. Abnor. Psychol., 1917, xii, 73.

Work of Sigmund Freud. Jour. Abnor. Psychol., 1917, xii, 145.

Edward W. Taylor, M.D.

Disease and symptoms; a plea for wider generalization. Jour. Nerv. & Ment. Dis., 1917, xlvi, 1.

LARYNGOLOGICAL DEPARTMENT

JOSEPH L. GOODALE, M.D.

Hay fever and hay asthma. Musser & Kelly's Practical Treatment, Vol. IV. W. B. Saunders Co., Phil., 1917.

President's address, American Laryngological Association, May 28, 1917. Transac., Amer. Laryn. Ass'n, 1917.

JOHN L. LOUGEE, M.D.

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HARRIS P. MOSHER, M.D.

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Edward Cowles, M.D.

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Joseph B. Howland, M.D.

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George S. Derby, M.D.

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RULES FOR ADMISSION, ETC.

Applications for admission of all patients, except to Phillips House, should be made at The Moseley Memorial Building, Fruit Street, at North Grove Street, Boston, on week days between the hours of 9 A.M. and 3 P.M.

Emergencies and recent accidents admitted at all hours.

Applications from a distance should be made in writing, accompanied by a full description of the case by the attending physician, with reason of the physician for thinking hospital treatment desirable, and when a free bed is needed, by a statement of the pecuniary condition of the patient. Always wait for a reply before sending the patient.

Contagious cases are not admitted to the hospital, and only such chronic cases as can be partially relieved by temporary treatment.

Paying patients in rooms will be charged $35 per week. In the general wards the rate of board to paying patients is $17.50 per week. These rates, covering only expenses of board and lodging, may be increased or abated in individual cases by the Resident Physician.

In cases requiring gratuitous treatment no charge will be made.

An ambulance, accompanied by a medical officer, will be despatched to any point within the city proper for the conveyance of cases of accident or urgent sickness, not contagious, to this hospital, or elsewhere, upon notice from a physician, the police, or other respon-

sible source, subject to the approval of the Resident Physician.

The Out-Patient Department is for the poor only and is open from 8.30 to 10 in the morning, Sundays and holidays excepted.

Phillips House. All inquiries concerning the admission of private patients should be made to the Resident Physician, Massachusetts General Hospital.

There is a separate entrance for this department at 265 Charles Street. Telephone service is also separate. All inquiries for private patients should be made through "Haymarket," 4490, and not through the regular hospital exchange.

Ambulance service is provided.

The private ward is for the treatment of general medical and surgical diseases and obstetrical cases. Babies, contagious diseases, and cases of alcoholism and drug habit are not admitted.

Patients in the Phillips House may be attended only by members of the staff and alumni of the hospital.

DALTON SCHOLARSHIPS

THE income of this fund, amounting to $1,000 annually, is devoted to investigation in the science of medicine. The rules of the Trustees applicable to it are as follows:

ARTICLE 1. Candidates shall be nominated to the Board of Trustees by the General Executive Committee with their recommendations. They shall be either internes of the General Hospital or male graduates of a regular American Medical College.

ARTICLE 2. The nature of the work in medical investigation proposed to be prosecuted by each candidate shall be designated by the candidate.

ARTICLE 3. The Scholarship year shall begin September 15th. Scholars shall work not less than ten hours per week, from the last Wednesday in September to the last Wednesday in June; and if a scholar performs a part only of this prescribed work, he shall be entitled to a proportionate part only of the income.

ARTICLE 4. The results of work of scholars shall appertain to the Hospital, and when made public the name of the scholar shall accompany the publication, but no publication shall be made unless approved by the General Executive Committee.

ARTICLE 5. When the income is insufficient, appointments for the year may be omitted.

ARTICLE 6. Any income not used shall be cumulative and not added to the principal.

ARTICLE 7. Scholars shall be eligible for renomination and reappointment.

Further information may be had by applying to the Resident Physician of the Massachusetts General Hospital.

WARREN TRIENNIAL PRIZE

MASSACHUSETTS GENERAL HOSPITAL

THE Warren Triennial Prize was founded by the late Dr. J. Mason Warren in memory of his father, and his will provides that the accumulated interest of the fund shall be awarded every three years to the best dissertation considered worthy of a premium, on some subject in Physiology, Surgery, or Pathological Anatomy; the arbitrators being the General Executive Committee of the Massachusetts General Hospital.

Theses submitted for competition for the year 1919 shall be on some special subject in Physiology, Surgery, or Pathology.

Dissertation must be in either the English, French, or German language, and must be typewritten and suitably bound, so as to be easily handled. Work that has been published previously will not be considered in competition. The name of the writer must be enclosed in a sealed envelope, on which must be written a motto corresponding with one on the accompanying dissertation.

Any clew given by the dissertation, or any action on the part of the writer which reveals his name before the award of the prize, will disqualify him from receiving the same.

The amount of the prize for the year 1919 will be $500.

In case no dissertation is considered sufficiently meritorious, no award will be made. Dissertations will be received until April 15, 1919.

A high value will be placed on original work.

FREDERIC A. WASHBURN,
Resident Physician.

MASSACHUSETTS GENERAL HOSPITAL.

OUT-PATIENT REPORT.

FOR THE YEAR ENDING DECEMBER 31, 1917.

NUMBER OF NEW PATIENTS, 31,104.

Men, 14,216	Women, 10,306		Children, 6,582
American,	16,056	Foreign,	15,048
Residents of Boston,	12,468	Residents of other places,	18,636

Total attendance, 205,524

	Male Surgical.		
No. of new patients,	3,960	No. of subsequent visits,	18,692
	Female Surgical.		
No. of new patients,	3,165	No. of subsequent visits,	13,404
	Male Medical.		
No. of new patients,	3,729	No. of subsequent visits,	8,293
	Female Medical.		
No. of new patients,	3,845	No. of subsequent visits,	9,472
	Skin.		
No. of new patients,	2,411	No. of subsequent visits,	9,549
	Nerve.		
No. of new patients,	1,221	No. of subsequent visits,	7,762
	Laryngological.		
No. of new patients,	3,638	No. of subsequent visits,	13,177
	South Medical.		
No. of new patients,	1,580	No. of subsequent visits,	18,995
	Dental.		
No. of new patients,	463	No. of subsequent visits,	4,837
	Orthopedic.		
No. of new patients,	3,171	No. of subsequent visits,	15,626
	Genito-Urinary.		
No. of new patients,	1,608	No. of subsequent visits,	24,472
	Children's Department.		
No. of new patients,	2,309	No. of subsequent visits,	6,240
	Zander.		
		No. of subsequent visits,	16,425
	Hydrotherapeutic.		
		No. of subsequent visits,	899
	Tuberculin Clinic.		
		No. of subsequent visits,	1,013

	Diabetic Clinic.		
		No. of subsequent visits,	1,751
	Cardiac Clinic.		
		No. of subsequent visits,	126
	Infantile Clinic.		
No. of new patients,	1	No. of subsequent visits,	861
	Psychiatric Clinic.		
No. of new patients,	3		
	Electrical Treatments.		
		No. of subsequent visits,	1,707
	Vaccine Treatments.		
		No. of subsequent visits,	384
	X-Ray Treatments.		
		No. of subsequent visits,	703
	31,104		174,388
Records lost, of new patients	11	Records lost, of old patients	21
	31,115		174,409

EXPLANATION OF TABLES OF MEDICAL AND SURGICAL STATISTICS

The Medical and Surgical statistics appear this year in three tables, A, B, and C.

Table A is a table of diseases treated in both House and Out-Patient Department, and is here presented in terms of the International Classification. As this classification is the one that has been adopted by most of the civilized governments, these statistics are thus comparable with governmental reports and may be used by State and Civil Registrars for vital statistics.

Table B is the table of surgical operations, grouping disease and operations together, and is arranged according to the Sections of the Classification of Diseases in use in this hospital, with the one exception that the order is alphabetic under each Section head.

Table C is an appendix of Table B, and gives brief abstracts of operated cases resulting in death. These individual cases are referred to from Table B by footnotes.

TABLE A

REPORT OF MEDICAL AND SURGICAL DISEASES IN TERMS OF INTERNATIONAL CLASSIFICATION

		HOUSE		O. P. D.
		Discharges	Deaths	Cases Admitted
1	Typhoid fever	37	3	10
4	Malaria	4	...	5
6	Measles	2	...	34
7	Scarlet fever	4	...	8
8	Whooping cough	2	...	22
9	Diphtheria and croup	13	...	43
10	Influenza	4	...	18
14	Dysentery	4	...	1
17	Leprosy	1	...	..
18	Erysipelas	22	...	27
19	Other epidemic diseases	82	...	182
20	Purulent infection and septicæmia	43	13	238
21	Glanders	1	..	...
22	Anthrax	11	1	8
24	Tetanus	3	1	...
25	Mycoses	15	...	182
26	Pellagra	2	...	3
28	Tuberculosis of lungs	117	4	989
29	Acute miliary tuberculosis	2	5	2
30	Tuberculous meningitis	3	6	1
31	Abdominal tuberculosis	28	3	28
32	Pott's disease	25	1	85
33	White swellings	47	...	116
34	Tuberculosis of other organs	142	1	264
36	Rickets	48	...	481
37	Syphilis	255	9	2,905
38	Gonococcus infection	39	...	....
39A	Carcinoma of buccal cavity	59	1	54
39F	Sarcoma of buccal cavity	4	...	3
40	Malignant tumors of stomach, liver	2	...	142
40A	Carcinoma of stomach, liver	93	13	....
40B	Endothelioma of stomach, liver	1	...	....
40E	Hypernephroma of stomach, liver	...	1	....
41	Malignant tumors of peritoneum, intestines, rectum	3	1	1

Table A — Medical and Surgical Diseases — Continued

		HOUSE		O. P. D.
		Discharges	Deaths	Cases Admitted
41A	Carcinoma of peritoneum, intestines, rectum	52	10	4
41F	Sarcoma of peritoneum, intestines, rectum	5	...	....
42A	Carcinoma of female genital organs	38	3	38
42D	Chorioepithelioma	...	1	....
42F	Sarcoma of female genital organs	2	...	....
42H	Hydatidiform mole	1	...	....
43A	Carcinoma of breast	54	1	48
44A	Carcinoma of skin	29	...	3
44F	Sarcoma of skin	6	...	1
45	Malignant tumors of other organs and of organs not specified	6	3	...
45A	Carcinoma of other organs and of organs not specified	85	11	67
45B	Endothelioma of other organs and of organs not specified	5	...	1
45E	Hypernephroma of other organs and of organs not specified	4	2	3
45F	Sarcoma of other organs and of organ not specified	19	2	11
45G	Mixed malignant growths of other organs and of organs not specified	3	...	....
46	Other tumors (tumors of the female genital organs excepted)	120	8	688
47	Acute articular rheumatism	80	1	149
48	Chronic rheumatism and gout	96	...	625
49	Scurvy	1	...	4
50	Diabetes	111	6	137
51	Exophthalmic goitre	37	1	101
52	Addison's disease	1	...	16
53	Leuchæmia	16	2	...
54	Anemia, chlorosis	108	6	179
55	Other general diseases	46	1	105
56	Alcoholism (acute or chronic)	16	3	53
57	Chronic lead poisoning	14	...	111
58	Other chronic occupation poisonings	4	...	7
59	Other chronic poisonings	6	...	4
60	Encephalitis	3	3	....
61 (1)	Simple meningitis	8	1	2
61 (2)	Cerebrospinal meningitis	3	4	....
62	Locomotor ataxia	32	...	105
63	Other diseases of the spinal cord	84	1	368
64	Cerebral hemorrhage, apoplexy	1	...	...
66	Paralysis without specific cause	40	6	282

Table A — Medical and Surgical Diseases — Continued

		HOUSE		O. P. D.
		Discharges	Deaths	Cases Admitted
67	General paralysis of insane	8	...	79
68	Other forms of mental alienation	12	...	58
69	Epilepsy	31	...	176
71	Convulsions of infants (under 2 years)	12	...	41
72	Chorea	23	...	118
73B	Neuralgia and neuritis	37	...	248
74	Other diseases of the nervous system	158	...	1,251
75	Diseases of the eyes and their annexa	32	...	469
76	Diseases of the ears	69	...	156
77	Pericarditis	17	...	9
78	Acute endocarditis	18	4	20
79	Organic diseases of the heart	327	22	892
80	Angina pectoris	4	...	10
81	Diseases of the arteries, atheroma, aneurysm, etc.	169	13	348
82	Embolism and thrombosis	18	3	1
83	Diseases of the veins (varices, hemorrhoids, phlebitis, etc.)	244	1	697
84	Diseases of the lymphatic system	35	2	367
85	Hemorrhage; other diseases of the circulatory system	147	...	324
86	Diseases of the nasal fossæ	89	...	1,718
87	Diseases of the larynx	17	1	224
88	Diseases of the thyroid body	53	1	80
89	Acute bronchitis	27	...	....
90	Chronic bronchitis	82	...	519
91	Broncho-pneumonia	76	19	31
92	Pneumonia	105	29	39
93	Pleurisy	111	8	243
94	Pulmonary congestion, pulmonary apoplexy	12	7	7
96	Asthma	31	...	166
97	Pulmonary emphysema	7	...	55
98	Other diseases of the respiratory system (tuberculosis excepted)	25	6	118
99A	Diseases of the teeth and gums	61	...	2,343
99B	Diseases of the mouth and annexa	26	...	51
100	Diseases of the pharynx	235	1	3,122
101	Diseases of the esophagus	7	1	44
102	Ulcer of the stomach	79	6	182
103	Other diseases of the stomach (cancer excepted)	80	2	727
104	Diarrhea and enteritis (under 2 years)	9	2	171
105	Diarrhea and enteritis (over 2 years)	134	10	145
107	Intestinal parasites	24	...	56
108	Appendicitis and typhlitis	455	3	322

Table A — Medical and Surgical Diseases — Continued

		HOUSE		O. P. D.
		Discharges	Deaths	Cases Admitted
109(1)	Hernia	478	3	724
109(2)	Intestinal obstruction	17	5	4
110	Other diseases of the intestines	276	...	2,178
112	Hydatid tumor of the liver	7	...	7
113	Cirrhosis of the liver	22	2	38
114	Biliary calculi	129	6	150
115	Other diseases of the liver	107	1	100
116	Diseases of the spleen	7	...	4
117	Simple peritonitis (non-puerperal)	65	14	45
118	Other diseases of the digestive system (cancer and tuberculosis excepted)	20	1	....
119	Acute nephritis	34	2	71
120	Bright's disease	118	18	208
122	Other diseases of the kidney and annexa	125	7	245
123	Calculi of the urinary passages	79	...	196
124	Diseases of the bladder	68	...	365
125	Diseases of the urethra, urinary abscess, etc.	69	...	196
126	Diseases of the prostate	45	5	112
127	Non-venereal diseases of the male genital organs	82	...	380
128	Uterine hemorrhage (non-puerperal)	10	...	86
129	Uterine tumor (non-cancerous)	92	1	108
130	Other diseases of the uterus	241	3	674
131	Cysts and other tumors of the ovary	71	1	39
132	Salpingitis and other diseases of the female genital organs	141	2	497
133	Non-puerperal diseases of the breast (cancer excepted)	30	...	70
134A	Normal labor	34	...	373
134B	Accidents in pregnancy	65	...	....
135	Puerperal hemorrhage	6	...	4
136	Other accidents of labor	152	...	278
137	Puerperal septicæmia	8	2	....
138	Puerperal albuminuria and convulsions	1	...	138
140	Following childbirth (not otherwise defined)	1	...	....
141	Puerperal diseases of the breast	2	...	18
142	Gangrene	15	...	12
143	Furuncle	27	...	471
144	Acute abscess	126	3	952
145	Other diseases of the skin and annexa	190	...	4,326
146	Diseases of the bones (tuberculosis excepted)	143	1	262

Table A — Medical and Surgical Diseases — Continued

		HOUSE		O. P. D.
		Discharges	Deaths	Cases Admitted
147	Diseases of the joints (tuberculosis and rheumatism excepted)	53	...	700
149	Other diseases of the organs of locomotion	116	...	2,746
150	Congenital malformations (stillbirths not included)	...	...	485
150(1)	Hydrocephalus	3	...	....
150(3)	Other congenital malformations	150	2	....
151(1)	Premature birth (not stillborn)	1	1	....
151(2)	Congenital debility	48	8	736
152	Other causes peculiar to early infancy	1	1	15
154	Senility	5	...	6
155	Suicide by poisoning	...	1	....
159	Suicide by firearms	...	1	....
164	Poisoning by food	...	...	20
165	Other acute poisonings	7	1	15
167	Burns (conflagration excepted)	26	3	266
168	Absorption of deleterious gases (conflagration excepted)	...	...	2
170	Traumatism by firearms	11	2	5
171	Traumatism by cutting or piercing instruments	14	1	15
172	Traumatism by fall	178	10	542
174	Traumatism by machines	20	...	6
175	Traumatism by other crushing (vehicles, railways, etc.)	128	10	11
176	Injuries by animals	7	...	13
177	Starvation	2	...	1
178	Excessive cold	...	...	10
179	Effects of heat	5	2	....
181	Electricity (lightning excepted)	1	...	1
185	Fracture and dislocation (cause not specified)	20	...	722
186	Other external violence	132	2	2,150
187	Ill-defined organic disease	...	...	25
189	Not specified, or ill-defined	119	7	2,413
	Totals, all causes	9,509	409	48,827
	Grand total (house cases)	9,918		

TABLE B

SURGICAL OPERATIONS

FROM JANUARY 1, 1917, TO DECEMBER 31, 1917, INCLUSIVE

* Surgical Operations (All numbered footnotes refer to Table C.)	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1918	Total
SECTION I								
Infectious and General Diseases								
Actinomycosis of abdominal wall								
Incision and drainage	2	....	2	....	2	....	....	2
Arthritis, gonorrheal, of knee								
Excision of joint	....	1	1	1	....	....	....	1
Arthritis, gonorrheal, of shoulder								
Arthrotomy and drainage	1	....	1	1	....	....	....	1
Arthritis, hypertrophic, of hip								
Arthrodesis	1	1	2	2	....	....	....	2
Arthritis, infectious								
Extraction of teeth and curettage of jaw	1	3	4	3	....	....	1	4
Tonsillectomy	9	8	17	16	1	....	....	17
Arthritis, infectious, of hip								
Arthrodesis	2	....	2	2	....	....	....	2
Arthritis, infectious, of knee								
Arthrotomy with oil injection	1	....	1	1	....	....	....	1
Osteotomy of tibia	....	1	1	1	....	....	....	1
Arthritis, villous, of knee								
Arthrotomy with removal of villi	1	1	2	2	....	....	....	2
Arthritis deformans								
Extraction of teeth	....	1	1	1	....	....	....	1
Erysipelas, septic, of scalp								
Incision and drainage	1	....	1	1	....	....	....	1
Gumma of liver								
Exploratory laparotomy	....	1	1	....	1	....	....	1
Gumma of testicle								
Exploratory incision	1	....	1	1	....	....	....	1

* For all Tuberculosis, see Section I; for all Tumors, malignant and benign, see Section VII.

Table B — Surgical Operations, 1917 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1918	Total
SECTION I								
Gumma of testicle, — continued								
Orchidectomy	1	....	1	1	....	....	....	1
Infection, acute								
Tonsillectomy	1	1	2	1	1	....	....	2
Lupus vulgaris								
Curettage	3	3	6	6	....	....	....	6
Mycetoma of foot								
Curettage and drainage	1	....	1	....	1	....	....	1
Excision	1	....	1	....	1	....	....	1
Incision and injection of formalin	1	....	1	1	....	....	....	1
Poliomyelitis								
Arthrodesis, subastragalar, with tenoplasty	2	2	4	4	....	....	....	4
Astragalectomy	2	5	7	7	....	....	....	7
Astragalectomy (rt.) and subastragalar arthrodesis (lt.)	1	....	1	1	....	....	....	1
Astragalectomy and tendon fixation	1	....	1	1	....	....	....	1
Astragalectomy and tenoplasty	1	....	1	1	....	....	....	1
Excision of knee-joint	....	2	2	1	....	....	1	2
Fasciotomy for abduction deformity of hip	....	1	1	1	....	....	....	1
Fasciotomy and tenoplasty	....	3	3	2	....	....	1	3
Lengthening of tendo-Achillis	1	4	5	5	....	....	....	5
Osteotomy of tarsal bones and tenotomy	1	....	1	1	....	....	....	1
Osteotomy of tarsal bones, tenotomy and tendon fixation	1	....	1	1	....	....	....	1
Stretching of tendons and muscles about knee	....	1	1	1	....	....	....	1
Tendon fixation	1	....	1	1	....	....	....	1
Tenoplasty	2	5	7	7	....	....	....	7
Tenoplasty and lengthening of tendo-Achillis	6	1	7	7	....	....	....	7
Tenotomy	1	....	1	1	....	....	....	1
Tenotomy and tendon fixation	1	....	1	1	....	....	....	1
Pott's disease								
Bone grafting	6	1	7	5	....	1[a]	1	7
Osteotomy (Hibb's)	2	2	4	4	....	....	....	4

a See No. 18.

Table B — Surgical Operations, 1917 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1918	Total
SECTION I								
Salpingitis, gonorrheal								
Exploratory laparotomy	....	1	1	1	....	....	....	1
Hysterectomy and salpingo-oöphorectomy	....	1	1	1	....	....	....	1
Septic ankle								
Arthrotomy with drainage	1	....	1	1	....	....	....	1
Septic elbow								
Arthrotomy with drainage	1	....	1	1	....	....	....	1
Septic hip								
Arthrotomy and drainage	1	....	1	1	....	....	....	1
Aspiration	1	....	1	1	....	....	....	1
Septic knee								
Exploratory arthrotomy with insertion of Carrel tubes	....	1	1	1	....	....	....	1
Incision and drainage	1	....	1	1	....	....	....	1
Septic knee and ankle								
Amputation of thigh	1	....	1	1	....	....	....	1
Septic wrist								
Incision and drainage	1	....	1	1	....	....	....	1
Streptococcus infection of jaw								
Extraction of tooth and curettage of jaw	1	....	1	1	....	....	....	1
Syphilis of knee								
Arthrotomy	1	....	1	1	....	....	....	1
Syphilis of liver								
Exploratory laparotomy	1	....	1	1	....	....	....	1
Syphilis of stomach								
Exploratory laparotomy	....	1	1	....	1	....	....	1
Tuberculosis of ankle								
Excision of tract of sinus	....	1	1	1	....	....	....	1
Tuberculosis of breast								
Incision and drainage	....	1	1	1	....	....	....	1
Tuberculosis of clavicle								
Excision of tract of sinus with curettage	1	....	1	1	....	....	....	1
Tuberculosis of elbow								
Incision and drainage	1	....	1	1	....	....	....	1

Table B — Surgical Operations, 1917 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1918	Total
SECTION I								
Tuberculosis of epididymis								
Epididymectomy	4	....	4	4	....	....	....	4
Epididymo-vasectomy	16	....	16	15	....	....	1	16
Orchidectomy	4	....	4	4	....	....	....	4
Orchidectomy and vasectomy	1	....	1	1	....	....	....	1
Tuberculosis of Fallopian tubes								
Salpingo-oöphorectomy	2	....	2	2	....	....	....	2
Tuberculosis of femur								
Osteotomy	1	1	2	2	....	....	....	2
Tuberculosis, genito-urinary								
Nephrectomy, orchidectomy and vasectomy	1	....	1	1	....	....	....	1
Tuberculosis of hip								
Arthrodesis	1	2	3	2	....	....	1	3
Excision of tract of sinus	....	1	1	1	....	....	....	1
Manipulation	....	1	1	1	....	....	....	1
Osteotomy of femur	3	1	4	3	....	....	1	4
Tuberculosis of intestines								
Anastomosis, lateral	1	....	1	1	....	....	....	1
Exploratory laparotomy	....	2	2	1	1	....	....	2
Resection with end-to-end anastomosis	2	....	2	1	....	1[a]	....	2
Resection with lateral anastomosis	....	1	1	1	....	....	....	1
Tuberculosis of kidney								
Nephrectomy	4	9	13	13	....	....	....	13
Tuberculosis of knee								
Excision of joint	3	3	6	6	....	....	....	6
Osteotomy of femur with correction of flexion deformity	1	...	1	1	....	....	....	1
Tuberculosis of larynx								
Laryngectomy, partial	....	1	1	1	....	....	....	1
Tuberculosis of lymph nodes, axillary								
Excision of nodes	....	1	1	1	....	....	....	1
Tuberculosis of lymph nodes, cervical								
Excision of nodes	4	7	11	11	....	....	....	11
Incision and curettage	....	2	2	2	....	....	....	2
Incision and drainage	2	1	3	3	....	....	....	3
Tuberculosis of lymph nodes, inguinal								
Incision and drainage	1	....	1	1	....	....	....	1

a See No. 123.

Table B — Surgical Operations, 1917 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1918	Total
SECTION I								
Tuberculosis of lymph nodes, mesenteric								
Exploratory laparotomy	1	2	3	2	1	....	....	3
Tuberculosis of nasal septum								
Excision of septum and turbinectomy	....	1	1	....	1	....	....	1
Tuberculosis of os calcis								
Resection	1	....	1	1	....	....	....	1
Tuberculosis of palmar bursa								
Excision	1	....	1	1	....	....	....	1
Tuberculosis of peritoneum								
Exploratory laparotomy	2	3	5	3	1	....	1	5
Tuberculosis of radius								
Excision of head of bone	1	....	1	1	....	....	....	1
Tuberculosis of rectum								
Colostomy	1	....	1	1	....	....	....	1
Tuberculosis of rib								
Incision and drainage of abscess of back	1	....	1	1	....	....	....	1
Tuberculosis of sacro-iliac joint								
Incision and drainage	3	....	3	1	2	....	....	3
Tuberculosis of uterus and Fallopian tubes								
Hysterectomy and double salpingo-oöphorectomy	....	2	2	2	....	....	....	2
SECTION II								
Diseases Due to Animal Parasites								
Echinococcus cyst of abdomen								
Laparotomy with excision of multiple cysts	1	....	1	1	....	....	....	1
Echinococcus cyst of liver								
Exploratory laparotomy with excision of cyst	1	....	1	1	....	....	....	1
Exploratory laparotomy with incision and drainage	1	....	1	1	....	....	....	1
Thoracotomy, resection of rib, and								

Table B — Surgical Operations, 1917 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1918	Total
SECTION II								
Echinococcus cyst of liver, — continued								
suturing diaphragm to intercostal muscle	1	....	1	....	1	....	....	1
Echinococcus cysts of liver and omentum								
Laparotomy with excision of cysts	1	1	2	2	....	....	....	2
Echinococcus cysts of spleen								
Laparotomy with incision and drainage	1	....	1	1	....	....	....	1
SECTION III								
Diseases of Metabolism								
Diabetic gangrene								
Amputation of leg	3	....	3	2	....	1[a]	....	3
SECTION V								
Diseases Due to Physical Agents								
Burns								
Skin grafting	1	2	3	3	....	....	....	3
Burns from X-ray								
Excision of ulcer	2	1	3	3	....	....	....	3
Skin grafting	1	....	1	1	....	....	....	1
SECTION VII								
Tumors, Malignant and Benign								
Adenoma of thyroid gland								
Excision	....	9	9	9	....	....	....	9
Hemithyroidectomy	1	7	8	8	....	....	....	8
Carcinoma of abdomen								
Exploratory laparotomy	....	2	2	....	2	....	....	2
Carcinoma of antrum								
Radical operation	....	2	2	1	1	....	....	2

[a] See No. 6.

Table B — Surgical Operations, 1917 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1918	Total
SECTION VII								
Carcinoma of anus								
Excision	1	....	1	1	....	....	....	1
Carcinoma of appendix								
Appendectomy	....	1	1	1	....	....	....	1
Carcinoma of bladder								
Cystectomy	1	....	1	1	....	....	....	1
Cystostomy, suprapubic	1	....	1	1	....	....	....	1
with cauterization	1	....	1	....	....	1	....	1
with excision of growth	2	....	2	2	....	....	....	2
with transperitoneal resection and excision of growth	1	....	1	....	....	1[b]	....	1
Cystotomy, suprapubic, with cauterization	1	....	1	....	....	1[c]	....	1
Exploratory laparotomy	....	1	1	....	....	1[d]	....	1
Nephrostomy, bilateral	1	....	1	1	....	....	....	1
Carcinoma of breast								
Amputation of breast	....	3	3	3	....	....	....	3
Amputation of breast with dissection of axilla	2	38	40	36	1	2[e]	1	40
Excision of recurrence	....	2	2	1	....	....	1	2
Carcinoma of cervix uteri								
Amputation and cauterization	....	3	3	1	2	....	....	3
Curettage and cauterization	....	9	9	6	2	....	1	9
Dilatation and curettage	....	1	1	1	....	....	....	1
Exploratory laparotomy and cauterization	....	1	1	1	....	....	....	1
Exploratory laparotomy with excision of stump of cervix	....	1	1	1	....	....	....	1
Hysterectomy	....	10	10	7	....	1[f]	2	10
Hysterectomy with ligation of internal iliac arteries	....	1	1	1	....	....	....	1
Ligation of internal iliac arteries	....	1	1	1	....	....	....	1
Panhysterectomy	....	3	3	2	....	1[g]	....	3
Carcinoma of cheek								
Excision of growth	2	....	2	2	....	....	....	2
Excision of growth and dissection of neck	2	....	2	2	....	....	....	2

a See No. 47. *b* See No. 48. *c* See No. 50. *d* See No. 86.
e See Nos. 3, 4, *f* See No. 73. *g* See No. 106.

Table B — Surgical Operations, 1917 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1918	Total
SECTION VII								
Carcinoma of cheek and jaw	1	....	1	1	....	....	....	1
Curettage and cauterization	1	....	1	1	....	....	....	1
Dissection of neck and cauterization								
Carcinoma of duodenum	1	....	1	1	....	....	....	1
Gastro-enterostomy								
Carcinoma of ear	1	....	1	1	....	....	....	1
Curettage	1	....	1	1	....	....	....	1
Excision								
Carcinoma of esophagus	3	3	6	4	1	....	1	6
Esophagoscopy	4	....	4	3	1	....	....	4
Gastrostomy								
Carcinoma of face	1	....	1	1	....	....	....	1
Excision with cautery								
Carcinoma of fingers								
Amputation and dissection of axilla	....	1	1	1	....	....	....	1
Carcinoma of gall bladder and pancreas								
Exploratory laparotomy	1	....	1	....	1	....	....	1
of ampulla of Vater								
Cholecystoduodenostomy	1	....	1	....	....	1[a]	....	1
Cholecystostomy	1	....	1	....	1	....	....	1
of common duct								
Cholecystoduodenostomy	1	....	1	1	....	....	....	1
Carcinoma, recurrent, of groin								
Excision of growth	....	1	1	1	....	....	....	1
Carcinoma of hand								
Amputation	1	....	1	1	....	....	....	1
Amputation of fingers and dissection of axilla	1	....	1	1	....	....	....	1
Carcinoma of intestine								
Anastomosis, lateral	4	....	4	4	....	....	....	4
Colostomy	5	....	5	3	1	1[b]	....	5
Exploratory laparotomy	1	1	2	....	2	....	....	2
Resection with colostomy	1	....	1	....	....	1[c]	....	1
Resection with end-to-end anastomosis	2	....	2	1	....	1[d]	....	2
Resection with lateral anastomosis	1	1	2	1	....	1[e]	....	2
Carcinoma of jaw								
Dissection of neck	1	....	1	....	1	....	....	1

a See No. 24. *b* See No. 26. *c* See No. 121. *d* See No. 122. *e* See No. 124.

Table B — Surgical Operations, 1917 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1918	Total
SECTION VII								
Carcinoma of jaw, — continued								
Dissection of neck and resection of jaw	1	....	1	1	....	....	....	1
Excision of growth	1	....	1	1	....	....	....	1
Excision of tissue for examination	1	....	1	....	1	....	....	1
Carcinoma of jaw and palate								
Dissection of neck	1	....	1	1	....	....	....	1
Carcinoma of larynx								
Excision	2	....	2	2	....	....	....	2
Gastrostomy	....	1	1	1	....	....	....	1
Thyrocricotomy	1	....	1	1	....	....	....	1
Thyrotomy with excision of growth	1	....	1	....	....	1[a]	....	1
Tracheotomy	2	....	2	2	....	....	....	2
Carcinoma of lip								
Excision of growth	4	....	4	4	....	....	....	4
Excision of growth with dissection of neck	14	....	14	11	....	2[b]	1	14
Carcinoma of liver								
Exploratory laparotomy	....	2	2	....	2	....	....	2
Carcinoma of liver, omentum and colon								
Exploratory laparotomy	1	....	1	....	1	....	....	1
Carcinoma of lymph nodes, cervical								
Excision of nodes	3	1	4	3	1	....	....	4
Extensive dissection of neck	1	....	1	1	....	....	....	1
Carcinoma of lymph nodes, inguinal								
Excision of nodes	1	....	1	1	....	....	....	1
Incision and drainage	1	....	1	1	....	....	....	1
Carcinoma of mouth (floor)								
Excision of base of tongue, sublingual glands and portion of jaw	1	....	1	1	....	....	....	1
Carcinoma of nasal cavities and sinuses								
Radical operation	1	....	1	1	....	....	....	1
Carcinoma of neck								
Dissection of neck with excision of growth	5	1	6	6	....	....	....	6
Carcinoma of nose								
Curettage	1	1	2	2	....	....	....	2

[a] See No. 138. [b] See Nos. 54, 55.

Table B — Surgical Operations, 1917 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1918	Total
SECTION VII								
Carcinoma of orbit								
Enucleation of eye	....	1	1	1	....	....	....	1
Carcinoma of ovary								
Oöphorectomy	....	2	2	2	....	....	....	2
Salpingo-oöphorectomy	....	1	1	1	....	....	....	1
Carcinoma of pancreas								
Cholecystenterostomy	1	....	1	....	....	1[a]	....	1
Exploratory laparotomy	1	....	1	....	1	....	....	1
Carcinoma of parotid								
Excision of growth	....	1	1	1	....	....	....	1
Carcinoma of penis								
Amputation with dissection of groins	3	....	3	3	....	....	....	3
Carcinoma of prostate								
Curettage through rectum	1	....	1	1	....	....	....	1
Cystostomy, suprapubic	3	....	3	2	1	....	....	3
Exploration with dilatation and drainage	1	....	1	1	....	....	....	1
Prostatectomy, perineal	2	....	2	....	1	1[b]	....	2
with radium treatment	2	....	2	2	....	....	....	2
Prostatectomy, suprapubic	1	....	1	....	....	1[c]	....	1
Carcinoma of rectum								
Colostomy	6	3	9	3	1	5[d]	....	9
Colostomy and low-heat cauterization	1	....	1	1	....	....	....	1
Excision of rectum	4	3	7	3	1	2[e]	1	7
Excision of rectum and sigmoid	1	....	1	1	....	....	....	1
Exploratory laparotomy	2	....	2	....	2	....	....	2
Mobilization of sigmoid	1	....	1	....	1	....	....	1
Mobilization of sigmoid and rectum with colostomy	1	....	1	....	1	....	....	1
Resection of colon and colostomy	1	....	1	....	....	1[f]	....	1
Carcinoma of scalp								
Excision of growth with cauterization	....	2	2	1	1	....	....	2
Carcinoma of scrotum								
Excision of growth with dissection of groins	1	....	1	1	....	....	....	1
Carcinoma of stomach								
Excision of growth	1	....	1	....	....	1[g]	....	1

a See No. 23. *b* See No. 112. *c* See No. 116. *d* See Nos. 27, 28, 29, 30.
e See Nos. 52, 53. *f* See No. 120. *g* See No. 51.

Table B — Surgical Operations, 1917 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital Jan. 1, 1918	Total
SECTION VII								
Carcinoma of stomach, — continued								
Exploratory laparotomy	14	3	17	3	12	1[a]	1	17
Gastrectomy, partial	1	1	2	2	....	....	....	2
Gastrectomy, partial, with gastro-enterostomy	2	....	2	....	....	1[b]	1	2
Gastro-enterostomy	10	4	14	11	....	2[c]	1	14
Gastrostomy	....	1	1	1	....	....	....	1
Carcinoma of thumb								
Amputation	1	....	1	1	....	....	....	1
Carcinoma of tongue								
Cauterization	1	1	2	2	....	....	....	2
Extensive dissection of neck	1	....	1	....	1	....	....	1
Partial excision of tongue with dissection of neck	1	....	1	1	....	....	....	1
Carcinoma of uterus								
Hysterectomy, abdominal	....	1	1	1	....	....	....	1
Hysterectomy, vaginal	....	1	1	....	....	....	1	1
Panhysterectomy, and lipectomy for lipomatosis	....	1	1	1	....	....	....	1
Chondroma of femur								
Excision	....	1	1	1	....	....	....	1
Chondroma of parotid								
Excision of tumor	1	....	1	1	....	....	....	1
Chorioepithelioma								
Hysterectomy	....	1	1	....	....	1[d]	....	1
Cyst of Bartholin's gland								
Excision of cyst	....	3	3	2	1	....	....	3
Excision of gland	....	1	1	1	....	....	....	1
Cyst of breast								
Amputation of breast	....	1	1	1	....	....	....	1
Excision	....	4	4	4	....	....	....	4
Cyst of broad ligament								
Laparotomy with drainage of cysts	....	2	2	2	....	....	....	2
Salpingo-oöphorectomy and ventral suspension	....	1	1	1	....	....	....	1
Cyst of finger								
Excision	....	1	1	1	....	....	....	1

a See No. 87. *b* See No. 58. *c* See Nos. 61, 62. *d* See No. 74.

Table B — Surgical Operations, 1917 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1918	Total
SECTION VII								
Cyst of jaw, dentigerous								
Curettage and drainage	1	....	1	1	....	....	....	1
Dissection of malar region (first stage operation)	1	....	1	1	....	....	....	1
Excision of cyst	2	....	2	2	....	....	....	2
Cyst, labial								
Excision	....	2	2	2	....	....	....	2
Cyst of lung (?)								
Thoracotomy with resection of rib	1	....	1	....	....	....	1	1
Cyst of neck								
Excision	2	1	3	3	....	....	....	3
Cyst of ovary								
Excision	....	5	5	5	....	....	....	5
Oöphorectomy	....	20	20	19	....	1[a]	....	20
Plastic operation	....	1	1	1	....	....	....	1
Puncture of cyst	....	1	1	1	....	....	....	1
Salpingo-oöphorectomy	....	10	10	10	....	....	....	10
Cyst of ovary, ruptured								
Suturing cyst	....	1	1	1	....	....	....	1
Cyst of ovary and hematosalpinx								
Salpingo-oöphorectomy	....	1	1	1	....	....	....	1
Cyst of ovary and pyosalpinx								
Hysterectomy and salpingo-oöphorectomy	....	1	1	1	....	....	....	1
Salpingo-oöphorectomy	....	1	1	1	....	....	....	1
Cyst, parovarian								
Salpingo-oöphorectomy and round ligament suspension	....	1	1	1	....	....	....	1
Cyst of spermatic cord								
Excision	1	....	1	1	....	....	....	1
Cyst of submaxillary gland								
Excision	....	1	1	1	....	....	....	1
Cyst of thyroid gland								
Excision of cyst	....	2	2	2	....	....	....	2
Hemithyroidectomy	....	1	1	1	....	....	....	1
Cyst-adenoma of ovary								
Exploratory laparotomy	....	1	1	....	1	....	....	1

a See No. 105.

Table B — Surgical Operations, 1917 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1918	Total
SECTION VII								
Endothelioma of dura and subcortical cyst								
Exploratory craniotomy and puncture of cyst	1	....	1	1	....	....	....	1
Endothelioma of spinal cord								
Excision of tumor	....	1	1	1	....	....	....	1
Endothelioma of stomach								
Gastrostomy	1	....	1	1	....	....	....	1
Epulis								
Excision	....	3	3	3	....	....	....	3
Fibroma of breast								
Amputation of breast	....	2	2	2	....	....	....	2
Excision	....	8	8	7	....		1	8
Fibroma of ovary								
Oöphorectomy	....	1	1	1	....	....	....	1
Fibromyoma of uterus								
Curettage	....	3	3	3	....	....	....	3
Hysterectomy	....	29	29	29	....	....	....	29
Hysterectomy and salpingectomy	....	2	2	2	....	....	....	2
Hysterectomy and salpingo-oöphorectomy	....	16	16	14	....	1[a]	1	16
Myomectomy	....	13	13	12	....	....	1	13
Fibromyoma of uterus and cyst of ovary								
Hysterectomy	....	2	2	2	....	....	....	2
Fibromyoma of uterus and hydrosalpinx								
Hysterectomy and salpingo-oöphorectomy	....	2	2	1	....	....	1	2
Fibrosarcoma of thoracic wall								
Excision	1	....	1	1	....	....	....	1
Glioma of brain								
Craniotomy and decompression	1	....	1	....	....	1[b]	....	1
Craniotomy with excision of tumor	1	....	1	....	....	1[c]	....	1
Exploratory craniotomy	2	....	2	1	....	1[d]	....	2
Exploratory craniotomy with drainage of tumor	3	....	3	3	....	....	....	3
Hemangio-endothelioma of face								
Excision	....	1	1	1	....	....	....	1

a See No. 76. *b* See No. 39. *c* See No. 43. *d* See No. 32.

Table B — Surgical Operations, 1917 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1918	Total
SECTION VII								
Hemangioma of nose								
Excision	1	....	1	1	....	....	....	1
Plastic operation	1	....	1	1	....	....	....	1
Hemangioma of penis								
Excision	2	....	2	2	....	....	....	2
Hypernephroma of adrenal gland								
Exploratory laparotomy	1	....	1	....	1	....	....	1
Hypernephroma of kidney								
Nephrectomy	2	....	2	....	....	1[a]	1	2
Hypernephroma of liver								
Exploratory laparotomy with excision of growth	1	....	1	....	....	1[b]	....	1
Keloid of axilla with contraction								
Excision, with plastic operation	1	....	1	1	....	....	....	1
Keloid of neck								
Excision	1	....	1	1	....	....	....	1
Lipoma of arm								
Excision	1	....	1	1	....	....	....	1
Lipoma of axilla								
Excision	....	2	2	2	....	....	....	2
Lipoma of buttock								
Excision	1	1	2	2	....	....	....	2
Lipoma of foot								
Excision	....	1	1	1	....	....	....	1
Lipoma of knee								
Excision	1	....	1	1	....	....	....	1
Lipoma of thoracic wall								
Excision	....	1	1	1	....	....	....	1
Lymphangioma of rectum								
Clamp and cautery	....	1	1	1	....	....	....	1
Lymphoma, malignant, of neck								
Excision of cervical lymph nodes	1	2	3	1	2	....	....	3
Malignant tumor (unspecified) of parotid								
Excision of specimen	1	....	1	1	....	....	....	1
Mixed tumor of parotid								
Excision	....	1	1	1	....	....	....	1

a See No. 102. *b* See No. 98.

Table B — Surgical Operations, 1917 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1918	Total
SECTION VII								
Mucocele of ethmoid								
Curettage of antrum and Killian operation	1	....	1	1	....	....	....	1
Myoma of uterus								
Hysterectomy	....	1	1	1	....	....	....	1
Myosarcoma of hip								
Exploratory arthrotomy	....	1	1	1	....	....	....	1
Myxofibroma of knee								
Excision	1	....	1	1	....	....	....	1
Myxofibroma of tonsil								
Tonsillectomy	1	....	1	1	....	....	....	1
Neuroblastoma, retroperitoneal								
Exploratory laparotomy	....	1	1	....	1	....	....	1
Neuroblastoma of sacrum								
Resection of sacrum	....	1	1	....	1	....	....	1
Neurofibroma of ulnar nerve								
Neurolysis	....	1	1	1	....	....	....	1
Neurofibromata								
Excision	1	....	1	1	....	....	....	1
Osteosarcoma of cervical vertebra								
Laminectomy with excision of growth	....	1	1	1	....	....	....	1
Osteosarcoma of zygoma								
Excision of tumor	1	....	1	1	....	....	....	1
Papilloma of anus								
Excision	1	....	1	1	....	....	....	1
Papilloma of bladder								
Cystotomy, suprapubic, with excision of tumor	1	....	1	1	....	....	....	1
Papilloma of larynx								
Excision	1	1	2	2	....	....	....	2
Tracheotomy	....	1	1	....	....	....	1	1
Papilloma of leg								
Excision of tumor and inguinal lymph node	1	....	1	1	....	....	....	1
Polypus of nose								
Exenteration of ethmoids	1	....	1	1	....	....	....	1
Polypus of rectum								
Clamp and cautery	....	2	2	2	....	....	....	2

Table B — Surgical Operations, 1917 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1918	Total
SECTION VII								
Polypus of rectum, — continued								
Excision	1	3	4	4	....	....	....	4
Polypus of urethra								
Excision	....	1	1	1	....	....	....	1
Polypus of uterus								
Curettage	....	3	3	3	....	....	....	3
Excision	....	7	7	7	....	....	....	7
Polypus of vocal cord								
Excision	2	....	2	2	....	....	....	2
Sarcoma of antrum								
Resection of jaw	....	1	1	1	....	....	....	1
Sarcoma of arm								
Excision	....	1	1	1	....	....	....	1
Sarcoma of eyelid								
Partial excision	1	....	1	1	....	....	....	1
Sarcoma of femur, with fracture								
Reduction of fracture by closed method, and curettage of tumor	....	1	1	....	1	....	....	1
Sarcoma of humerus								
Amputation of arm	1	....	1	1	....	....	....	1
Sarcoma of jaw								
Dissection of neck and excision of lymph nodes	1	....	1	1	....	....	....	1
Excision of tumor	2	1	3	3	....	....	....	3
Resection of jaw	1	....	1	1	....	....	....	1
Sarcoma of leg								
Amputation of leg	1	....	1	1	....	....	....	1
Sarcoma of lung								
Thoracotomy with resection of rib	1	....	1	....	....	1[a]	....	1
Sarcoma of neck								
Excision	2	1	3	2	1	..	....	.. 3
Sarcoma, retroperitoneal								
Exploratory laparotomy	1	....	1	....	1	....	....	1
Sarcoma of scapula								
Excision of tumor with dissection of axilla	1	....	1	1	....	....	....	1
Sarcoma of testicle								
Orchidectomy	3	....	3	2	....	....	1	3

a See No. 137.

Table B — Surgical Operations, 1917 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1918	Total
SECTION VII								
Sarcoma of tibia								
Amputation of leg and dissection of groin	1	....	1	1	....	....	....	1
Sarcoma of uterus								
Hysterectomy	....	1	1	1	....	....	....	1
Solitary tubercle of cerebellum								
Exploratory craniotomy with excision of specimen	1	....	1	....	1	....	....	1
Teratoma of kidney								
Nephrectomy	1	....	1	....	....	1[a]	....	1
Teratoma of ovary								
Excision of tumor	....	1	1	1	....	....	....	1
Salpingo-oöphorectomy	....	1	1	1	....	....	....	1
Teratoma of testicle								
Orchidectomy	1	....	1	1	....	....	....	1
Tumor (unspecified) of brain								
Craniotomy with decompression	3	8	11	6	3	2[b]	....	11
Exploratory craniotomy	1	1	2	2	....	....	....	2
Exploratory of cerebellum	1	....	1	....	1	....	....	1
Osteoplastic exploration	1	....	1	1	....	....	....	1
Ventricular puncture (preliminary) and craniotomy with decompression	....	1	1	1	....	....	....	1
Tumor (unspecified) of kidney								
Exploratory laparotomy	1	....	1	1	....	....	....	1
Tumor (unspecified) of larynx								
Laryngoscopy	1	....	1	1	....	....	....	1
Tumor of liver (? neuroblastoma)								
Hepatotomy with evacuation of tumor	....	1	1	....	1	....	....	1
Tumor (unspecified) of lung								
Exploratory thoracotomy with resection of rib	1	....	1	....	1	....	....	1
Tumor (unspecified) of parotid								
Excision	3	2	5	4	1	....	....	5
Tumor (unspecified), retroperitoneal								
Exploratory laparotomy	....	1	1	....	1	....	....	1
Tumor (unspecified) of shoulder								
Excision	....	1	1	1	....	....	....	1

a See No. 104. *b* See Nos. 40, 41

Table B — Surgical Operations, 1917 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1918	Total
SECTION VII								
Tumor (unspecified) of spinal cord								
Laminectomy	....	1	1	1	....	....	....	1
Wen of face								
Excision	1	....	1	1	....	....	....	1
Wen of neck								
Excision	1	1	2	2	....	....	....	2
SECTION VIII								
Congenital Malformations								
Branchial cyst								
Excision	1	1	2	2	....	....	....	2
Cleft palate								
Staphylorrhaphy	3	2	5	4	1	....	....	5
Dislocation, congenital, of hip								
Closed reduction	....	8	8	5	3	....	....	8
Open reduction	....	5	5	4	1	....	....	5
Harelip								
Plastic operation	7	1	8	6	1	1[a]	....	8
Hypospadias								
Plastic operation	1	....	1	1	....	....	....	1
Malformation of clavicle								
Osteotomy with sliding and suture to lengthen bone	....	1	1	1	....	....	....	1
Meningocele								
Excision	1	....	1	....	....	....	1	1
Pilo-nidal sinus								
Excision	12	2	14	12	....	....	2	14
Polycystic kidney								
Exploratory laparotomy	1	....	1	....	....	1[b]	....	1
Thyroglossal cyst								
Excision	2	4	6	6	....	....	....	6
Undescended testicle								
Orchidectomy	2	....	2	2	....	....	....	2
Orchidopexy	6	....	6	6	....	....	....	6
Webbed fingers								
Plastic operation	....	1	1	1	....	....	....	1

a See No. 109. *b* See No. 93.

Table B — Surgical Operations, 1917 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital Jan. 1, 1918	Total
SECTION IX								
General Injuries and Diseases of Skin and Subcutaneous Tissues								
Abscess of abdominal wall								
Incision and drainage	5	2	7	7	....	....	....	7
Abscess of arm								
Incision and curettage	1	....	1	1	....	....	....	1
Incision and drainage	....	1	1	1	....	....	....	1
Abscess of back								
Incision and drainage	1	....	1	....	1	....	....	1
Abscess of buttock								
Incision and drainage	....	1	1	1	....	....	....	1
Abscess of face								
Incision and drainage	....	1	1	1	....	....	....	1
Abscess of foot								
Incision and drainage	1	....	1	1	....	....	....	1
Abscess of groin								
Incision and drainage	2	....	2	2	....	....	....	2
Abscess of leg								
Incision and drainage	3	2	5	4	....	....	1	5
Abscess of neck								
Incision and drainage	12	3	15	15	....	....	....	15
Abscess, palmar								
Incision and drainage	1	....	1	1	....	....	....	1
Abscess, popliteal								
Incision and drainage	....	1	1	1	....	....	....	1
Abscess of thigh								
Incision and drainage	2	3	5	5	....	....	....	5
Abscess of thoracic wall								
Incision and drainage	3	....	3	3	....	....	....	3
Carbuncles of back								
Incision and drainage	1	....	1	....	....	1[a]	....	1
Carbuncle of face								
Incision and curettage	1	....	1	1	....	....	....	1
Carbuncle of neck								
Incision and drainage	4	2	6	6	....	....	....	6

a See No. 80.

Table B — Surgical Operations, 1917 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1918	Total
SECTION IX								
Carbuncle of shoulder								
Incision and drainage	1	....	1	1	....	....	....	1
Cellulitis of forearm								
Incision and drainage	1	....	1	1	....	....	....	1
Cellulitis of leg								
Incision and drainage	1	....	1	1	....	....	....	1
Cellulitis of neck								
Incision and drainage	....	1	1	1	....	....	....	1
Cellulitis, gangrenous, of thigh								
Incision and drainage	....	1	1	....	....	1[a]	....	1
Crush of arm								
Amputation	6	....	6	5	....	1[b]	....	6
Crush, with amputation, of arm, fingers, leg and toes								
Re-amputation	1	....	1	....	....	1[c]	....	1
Crush of foot								
Amputation of leg	7	....	7	5	1	....	1	7
Skin grafting	2	....	2	2	....	....	....	2
Crush of hand								
Amputation	2	....	2	1	1	....	....	2
Plastic operation	....	1	1	1	....	....	....	1
Crush of leg								
Amputation	5	....	5	4	....	1[d]	....	5
Repair	1	....	1	....	1	....	....	1
Crush of toe								
Amputation	2	....	2	2	....	....	....	2
Repair	1	....	1	1	....	....	....	1
Foreign body in arm								
Exploration	1	....	1	1	....	....	....	1
Foreign body in jaw								
Removal	....	1	1	1	....	....	....	1
Foreign body in knee								
Exploratory arthrotomy	....	1	1	1	....	....	....	1
Removal	2	....	2	2	....	....	....	2
Foreign body in leg								
Removal	....	1	1	1	....	....	....	1
Foreign body in thigh								
Removal	....	1	1	1	....	....	....	1

a See No. 78. *b* See No. 1. *c* See No. 2. *d* See No. 5.

Table B — Surgical Operations, 1917 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1918	Total
SECTION IX								
Foreign body in tibia								
Removal	1	....	1	1	....	....	....	1
Gangrene of foot								
Amputation of leg	3	1	4	4	....	....	....	4
Gangrene of leg								
Amputation	1	1	2	2	....	....	....	2
Gangrene of toe								
Amputation	2	....	2	1	....	....	1	2
Hematoma of leg								
Incision and drainage	....	1	1	1	....	....	....	1
Hematoma of thoracic wall								
Incision and drainage	1	....	1	1	....	....	....	1
Ingrowing toe-nails								
Excision	1	....	1	....	....	....	1	1
Painful stump of leg								
Excision of neuromata and exostosis	1	....	1	1	....	....	....	1
Re-amputation	1	....	1	1	....	....	....	1
(*Plastic operation on amputation stumps of legs*)	1	....	1	1	....	....	....	1
Septic arm								
Incision and drainage	3	1	4	3	1	....	....	4
Septic finger								
Amputation	2	1	3	3	....	....	....	3
Incision and drainage	....	1	1	1	....	....	....	1
Septic foot								
Amputation of leg	1	....	1	1	....	....	....	1
Incision and drainage	1	....	1	1	....	....	....	1
Septic hand								
Incision and drainage	5	5	10	6	3	....	1	10
Septic leg								
Amputation	1	....	1	....	....	1[a]	....	1
Incision and drainage	3	....	3	1	1	....	1	3
Septic leg (stump)								
Freeing flaps	1	....	1	1	....	....	....	1
Re-amputation	1	....	1	1	....	....	....	1
Septic scalp								
Incision and drainage	1	....	1	1	....	....	....	1

a See No. 7.

Table B — Surgical Operations, 1917 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1918	Total
SECTION IX								
Sinus, axillary								
Excision	1	....	1	1	....	....	....	1
Sinus of back								
Exploratory	1	....	1	....	1	....	....	1
Sinus of leg (stump)								
Excision	1	....	1	1	....	....	....	1
Sinus of lip								
Excision	1	....	1	1	....	....	....	1
Ulcer in hernia scar								
Excision	1	....	1	....	....	....	1	1
Ulcer of face								
Excision and cauterization	....	1	1	1	....	....	....	1
Wound, granulating, of arm (stump)								
Plastic operation	1	....	1	1	....	....	....	1
Wound, granulating, of breast								
Skin grafting	....	1	1	1	....	....	....	1
Wound, granulating, of face								
Plastic operation	1	....	1	1	....	....	....	1
Wound, granulating, of leg								
Skin grafting	2	1	3	3	....	....	....	3
Wound, granulating, of shoulder								
Plastic operation and skin grafting	1	....	1	1	....	....	....	1
Wound, incised, of foot								
Repair	1	....	1	1	....	....	....	1
Wound, lacerated, of arm								
Repair	1	....	1	1	....	....	....	1
Wound, lacerated, of face								
Repair	2	....	2	2	....	....	....	2
Wound, lacerated, of foot								
Repair	1	....	1	1	....	....	....	1
Wound, lacerated, of leg								
Irrigation and drainage	1	....	1	....	....	1[a]	....	1
Wound, lacerated, of perineum								
Repair	....	1	1	1	....	....	....	1
Wound, lacerated, of scalp								
Repair	1	....	1	1	....	....	....	1

a See No. 83.

Table B — Surgical Operations, 1917 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1918	Total
SECTION X								
Special Skin Diseases								
Callositas								
Excision of callus of foot	1	....	1	1	....	....	....	1
Cicatrix, painful, of breast								
Excision of neuroma	....	1	1	1	....	....	....	1
Cicatrix, painful, of scalp								
Excision	1	....	1	....	1	....	....	1
SECTION XI								
Diseases of the Circulatory System								
A. Arteries								
Aneurism of brachial artery								
Ligation of artery	....	1	1	1	....	....	....	1
Aneurism of femoral artery								
Exploratory operation	2	....	2	....	....	1[a]	1	2
Aneurism of foot (artery unspecified)								
Excision	1	....	1	1	....	....	....	1
Obliterative endarteritis								
Amputation of leg	1	....	1	1	....	....	....	1
Hemorrhage								
Transfusion	3	2	5	3	1	1[b]	....	5
Hemorrhage with chronic benzol poisoning								
Transfusion (1 case)	3	....	3	3	....	....	....	3
Thrombo-angeitis obliterans								
Re-amputation of right leg, and amputation of left toes	1	....	1	....	....	....	1	1
Thrombosis of mesenteric artery								
Colostomy	1	....	1	....	....	1[c]	....	1
B. Veins								
Varices of leg								
Excision	32	20	52	51	....	....	1	52

a See No. 57. *b* See No. 139. *c* See No. 31.

Table B — Surgical Operations, 1917 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1918	Total
SECTION XI								
Varix, thrombosed, of thigh								
Excision	....	1	1	....	....	....	.. 1	1
Varix of kidney								
Nephropexy	1	....	1	1	....	....	....	1
C. Heart								
Dyspnea								
Tracheotomy	1	....	1	1	....	....	....	1
Lesions of heart								
Tonsillectomy	1	4	5	5	..	....	....	.. 5
SECTION XII								
Diseases of the Lymphatic System								
Abscess of retroperitoneal lymph nodes								
Exploratory laparotomy	1	....	1	1	....	....	....	1
Adenitis, cervical								
Incision and drainage	....	3	3	3	....	....	....	3
(Diagnosis)								
Excision of axillary lymph node	....	1	1	1	....	....	....	1
SECTION XIII								
Diseases of the Blood								
Anemia, pernicious								
Splenectomy	....	3	3	3	....	....	....	3
Transfusion	15	13	28	23	5	....	....	28
Anemia, secondary								
Transfusion	1	1	2	1	....	....	1	2
SECTION XIV								
Diseases of the Ductless Glands								
A. Spleen								
Banti's disease								
Splenectomy	1	....	1	....	....	....	1	1

Table B — Surgical Operations, 1917 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1918	Total
SECTION XIV								
Splenic anemia								
Splenectomy	....	2	2	2	....	....	....	2
C. Thyroid Gland								
Abscess								
Incision and drainage	1	....	1	....	....	1[a]	....	1
Goitre, colloid								
Hemithyroidectomy	2	1	3	3	....	....	....	3
Goitre, exophthalmic								
Hemithyroidectomy	2	21	23	19	....	3[b]	1	23
Ligation of superior thyroid artery	....	1	1	1	....	....	....	1
Inflammatory mass near gland								
Excision of mass	....	1	1	1	....	....	....	1
SECTION XV								
Diseases of the Nervous System								
A. Injuries to Nervous System								
Injury (unspecified) to brachial plexus								
Exploratory operation	2	....	2	1	1	....	....	2
Nerve anastomosis	1	....	1	1	....	....	....	1
Injury (unspecified) to median nerve								
Plastic operation	1	....	1	1	....	....	....	1
Injury (unspecified) to ulnar nerve								
Neurolysis	1	....	1	1	....	....	....	1
Neurorrhaphy and excision of bulb	1	1	2	2	....	....	....	2
Neurorrhaphy with transplantation of fascia lata	....	1	1	1	....	....	....	1
Paralysis, obstetrical, of wrist								
Tendon fixation	1	....	1	1	....	....	....	1
Paralysis, traumatic, of sciatic and anterior crural nerves								
Exploratory operation	1	....	1	....	1	....	....	1
Ruptured brachial plexus								
Exploratory operation	1	....	1	....	1	....	....	1
Laminectomy with division of posterior nerve roots, for persistent pain	1	....	1	....	....	....	1	1

a See No. 79. *b* See Nos. 70, 71, 72.

Table B — Surgical Operations, 1917 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1918	Total
SECTION XV								
Severed nerves								
Neuroplasty	....	1	1	1	....	....	....	1
Neurorrhaphy	1	2	3	3	....	....	....	3
C. Inflammation and Degeneration of Nerves								
Paralysis, brachial								
Amputation of arm	1	....	1	1	....	....	....	1
Paralysis of ulnar nerve								
Neurolysis	1	....	1	1	....	....	....	1
D. Spinal Cord Disease.								
Abscess, extradural								
Laminectomy with drainage	....	1	1	1	....	....	....	1
Lateral sclerosis								
Astragalectomy	....	1	1	1	....	....	....	1
Manipulation	....	1	1	....	1	....	....	1
Myotomy and tenotomy	1	....	1	1	....	....	....	1
Resection of motor nerves	3	....	3	2	1	....	....	3
E. Brain.								
(Diagnosis)								
Ventricular puncture	1	....	1	....	1	....	....	1
Organized blood clot								
Craniotomy with decompression and ventricular puncture	1	....	1	....	....	1[a]	....	1
Paralysis, infantile cerebral								
Stoeffel's operation for spastic equinus deformity	....	1	1	1	....	....	....	1
Wound, gunshot, of head								
Exploratory craniotomy	1	....	1	....	....	1[b]	...	1
J. Nervous Diseases without Recognized Pathology								
Coccygodynia								
Coccygectomy	....	1	1	1	....	....	....	1
Neuralgia (unspecified)								
Extraction of teeth	....	1	1	1	....	....	....	1
Neuralgia, supraorbital								
Avulsion of nerve	....	1	1	1	....	....	....	1
Neuralgia, trigeminal								
Avulsion of nerve branches	2	3	5	5	....	....	....	5

See No. 42. See No. 33.

Table B — Surgical Operations, 1917 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1918	Total
SECTION XV								
Neuralgia, trigeminal, — continued								
Avulsion of sensory root	1	....	1	1	....	....	....	1
Excision of Gasserian ganglion	1	....	1	1	....	....	....	1
Exploratory craniotomy	1	....	1	1	....	....	....	1
Extraction of teeth and curettage of antrum	1	2	3	3	....	....	....	3
Extraction of teeth and curettage of jaw	....	1	1	1	....	....	....	1
Injection of alcohol	1	3	4	2	1	....	1	4
Neurectomy	2	1	3	3	....	....	....	3
Sciatica								
Exploration with neurolysis	1	....	1	1	....	....	....	1
Tic convulsif								
Neurolysis of hypoglossal nerve	....	1	1	1	....	....	....	1
SECTION XVI								
Diseases of Bones, Joints, Muscles, Tendons and Fascia								
A. Bones (Tuberculosis excepted)								
Abscess of femur								
Incision and curettage	1	....	1	1	....	....	....	1
Osteotomy	1	....	1	1	....	....	....	1
Abscess of tibia								
Incision and drainage	2	....	2	2	....	....	....	2
Abscess of ulna								
Incision and drainage	....	1	1	1	....	....	....	1
Deformity, post-operative, of femur								
Osteoclasis	....	1	1	1	....	....	....	1
(Diagnosis)								
Excision of specimen from femur	....	1	1	....	1	....	....	1
Excision of specimen from tibia and fibula	1	....	1	1	....	....	....	1
Exploratory of humerus	....	1	1	1	....	....	....	1
Exostosis of humerus								
Excision	1	....	1	1	....	....	....	1
Exostosis of phalanx (toe)								
Excision	....	1	1	1	....	....	....	1

Table B — Surgical Operations, 1917 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1918	Total
SECTION XVI								
Exostosis of vertebra (cervical)								
Excision	1	....	1	1	....	....	....	1
Faulty union of fibula								
Osteotomy	....	1	1	1	....	....	....	1
Re-apposition, and lengthening of tendo-Achillis	1	....	1	1	....	....	....	1
Faulty union of radius								
Open reduction, secondary	1	....	1	1	....	....	....	1
Faulty union of tibia								
Osteotomy	....	1	1	1	....	....	....	1
Faulty union of tibia and fibula								
Osteotomy	....	1	1	1	....	....	....	1
Flexed scapula								
Excision of superior angle	2	....	2	2	....	....	....	2
Fracture of clavicle, simple								
Closed reduction	....	1	1	1	....	....	....	1
Fracture of elbow, simple								
Excision of capitellum	1	....	1	1	....	....	....	1
Closed reduction	2	....	2	1	1	....	....	2
Open reduction	1	....	1	1	....	....	....	1
Fracture of elbow, with dislocation								
Excision of joint	....	1	1	1	....	....	....	1
Fracture of femur, simple								
Grafting head of bone upon great trochanter	....	1	1	1	....	....	....	1
Closed reduction	5	3	8	5	3	....	....	8
Open reduction	9	4	13	13	....	....	....	13
Fracture of neck of femur, simple								
Closed reduction	....	2	2	2	....	....	....	2
Open reduction	....	1	1	1	....	....	....	1
Fracture of fibula, simple								
Closed reduction	1	....	1	1	....	....	....	1
Pott's fracture, simple								
Closed reduction	....	4	4	4	....	....	....	4
Fracture of humerus, simple								
Closed reduction	4	3	7	7	....	....	....	7
Open reduction	5	1	6	6	....	....	....	6

Table B — Surgical Operations, 1917 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1918	Total
SECTION XVI								
Fracture of humerus, compound								
Closed reduction	1	....	1	1	....	....	....	1
Open reduction	1	....	1	1	....	....	....	1
Fracture of jaw, simple								
Wiring	1	....	1	1	....	....	....	1
Fracture of malar bone, simple								
Elevating depressed bone	1	....	1	1	....	....	....	1
Fracture of metacarpal								
Open reduction	2	....	2	2	....	....	....	2
Fracture of nasal bones, simple								
Elevation of bone	4	....	4	4	....	....	....	4
Fracture of os calcis, simple								
Open reduction	1	1	2	2	....	....	....	2
Fracture of patella, simple								
Closed reduction	1	....	1	1	....	....	....	1
Open reduction	4	3	7	6	....	....	1	7
Fracture of radius, simple								
Closed reduction	1	1	2	2	....	....	....	2
Open reduction	1	1	2	2	....	....	....	2
Fracture of radius and ulna, simple								
Open reduction	5	1	6	4	....	....	2	6
Fracture of skull, simple								
Craniotomy with decompression	6	3	9	4	....	5[a]	....	9
Fracture of tibia, simple								
Closed reduction	2	2	4	4	....	....	....	4
Open reduction	3	....	3	3	....	....	....	3
Fracture of tibia and fibula, simple								
Incision and drainage for sepsis	....	1	1	1	....	....	....	1
Closed reduction	15	10	25	22	3	....	....	25
Open reduction	7	3	10	8	1	....	1	10
Fracture of ulna, simple								
Open reduction	1	....	1	1	....	....	....	1
Fracture of ulna (olecranon), simple								
Closed reduction	....	1	1	1	....	....	....	1
Open reduction	1	....	1	1	....	....	....	1
Fracture of vertebra								
Bone grafting	4	1	5	4	....	....	1	5

a See Nos. 34, 35, 36, 37, 38.

Table B — Surgical Operations, 1917 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1918	Total
SECTION XVI								
Fracture of coccyx								
Coccygectomy	1	1	2	2	....	....	....	2
Mal-union of femur								
Osteoclasis	....	1	1	1	....	....	....	1
Necrosis of femur, following fracture								
Removing bone plate	1	....	1	1	....	....	....	1
Necrosis of jaw								
Curettage	2	1	3	2	....	1[a]	....	3
Plastic operation with extraction of teeth	1	....	1	....	....	1[b]	....	1
Necrosis of metatarsals								
Sequestrectomy	1	....	1	1	....	....	....	1
Necrosis of nasal bones, following fracture								
Excision of tip of bone graft	1	....	1	1	....	....	....	1
Necrosis of rib								
Sequestrectomy	1	....	1	1	....	....	....	1
Necrosis of skull								
Sequestrectomy	2	....	2	2	....	....	....	2
Necrosis of sternum								
Incision, curettage and drainage	....	1	1	1	....	....	....	1
Necrosis of tibia, following fracture								
Sequestrectomy	1	....	1	1	....	....	....	1
Non-union of femur								
Open reduction	1	....	1	....	1	....	....	1
Removing bone plate	1	....	1	1	....	....	....	1
Resection and application of bone plate	1	....	1	1	....	....	....	1
Non-union of neck of femur								
Bone grafting	1	1	2	2	....	....	....	2
Open reduction	1	....	1	1	....	....	....	1
Non-union of metacarpal								
Open reduction	1	....	1	1	....	....	....	1
Non-union of tibia and fibula								
Amputation of leg	1	....	1	1	....	....	....	1
Bone grafting	1	1	2	2	....	....	....	2
Osteomyelitis of clavicle								
Incision and drainage	1	....	1	1	....	....	....	1

a See No. 44. *b* See No. 108.

Table B — Surgical Operations, 1917 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1918	Total
SECTION XVI								
Osteomyelitis of costal cartilage								
Excision of cartilage	1	....	1	1	....	....	....	1
Osteomyelitis of femur								
Excision of knee	....	1	1	1	....	....	....	1
Exploratory osteotomy	1	....	1	1	....	....	....	1
Incision and curettage	10	5	15	13	2	....	....	15
Incision and drainage	2	....	2	....	....	....	2	2
Sequestrectomy	1	....	1	1	....	....	....	1
Osteomyelitis of fibula								
Incision and drainage	2	1	3	3	....	....	....	3
Sequestrectomy	1	....	1	1	....	....	....	1
Osteomyelitis of humerus								
Incision and drainage	....	1	1	....	....	....	1	1
Osteotomy with obliteration of abscess cavity; drainage	1	....	1	1	....	....	....	1
Sequestrectomy	1	....	1	1	....	....	....	1
Osteomyelitis of ilium								
Incision and curettage	....	1	1	1	....	....	....	1
Osteomyelitis of ischium								
Curettage and excision of sinus	1	....	1	1	....	....	....	1
Osteomyelitis of jaw								
Incision and curettage		3	2	5	5	....	....	5
Sequestrectomy	2		2	2	....	....	....	2
Osteomyelitis of metatarsals								
Excision of bones	....	1	1	1	....	....	....	1
Incision and curettage	1	1	2	2	....	....	....	2
Incision and drainage	....	1	1	....	....	....	1	1
Osteomyelitis of nasal bones								
Sequestrectomy	....	1	1	1	....	....	....	1
Osteomyelitis of phalanx (finger)								
Incision and drainage	....	1	1	1	....	....	....	1
Osteomyelitis of radius								
Incision and drainage	1	....	1	....	1	....	....	1
Sequestrectomy	1	....	1	1	....	....	....	1
Osteomyelitis of tarsal bones								
Incision and curettage	2	....	2	2	....	....	....	2
Incision and drainage	1	....	1	1	....	....	....	1
Sequestrectomy	2	....	2	2	....	....	....	2

Table B — Surgical Operations, 1917 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1918	Total
SECTION XVI								
Osteomyelitis of tibia								
Incision and curettage	....	1	1	1	....	....	....	1
Incision and drainage	17	3	20	18	....	....	2	20
Sequestrectomy	2	....	2	2	....	....	....	2
Osteomyelitis of tibia and fibula								
Re-amputation of leg	1	....	1	....	....	....	1	1
Osteomyelitis of ulna								
Incision and curettage	1	....	1	1	....	....	....	1
Incision and drainage	....	1	1	1	....	....	....	1
Osteomyelitis of vertebrae, cervical								
Incision and drainage of sinus, with sequestrectomy	1	....	1	1	....	....	....	1
Overgrowth of humerus								
Re-amputation of arm	1	....	1	1	....	....	....	1
Painful scapula								
Resection	1	....	1	1	....	....	....	1
(*Removing bone plate from tibia*)	3	....	3	3	....	....	....	3
Separation of epiphysis (upper) of femur								
Closed reduction	....	1	1	1	....	....	....	1
Separation of epiphysis (lower) of radius								
Open reduction	1	....	1	1	....	....	....	1
Sinuses to vertebrae, from tibial graft								
Sequestrectomy with curettage and removal of sutures	1	....	1	1	....	....	....	1
B. Joints.								
Adhesions about knee								
Manipulation	....	1	1	1	....	....	....	1
Adhesions about shoulder								
Neurolysis of brachial plexus	1	....	1	1	....	....	....	1
Ankylosis of hip								
Osteotomy of femur	1	....	1	1	....	....	....	1
Ankylosis of knee								
Excision of joint	1	....	1	1	....	....	...	1
Osteotomy of femur and tibia	1	....	1	1	....	....	....	1

Table B — Surgical Operations, 1917 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1918	Total
SECTION XVI								
Ankylosis of shoulder								
Exploratory arthrotomy with plastic	1	....	1	1	....	....	....	1
Deformity, flexion, of hip								
Soutter operation	1	....	1	1	....	....	....	1
Deformity, traumatic, of semilunar cartilage								
Excision of cartilage	1	....	1	1	....	....	....	1
(Diagnosis)								
Exploratory arthrotomy of knee .	1	1	2	2	....	....	....	2
Dislocated bone graft of shoulder								
Arthrodesis of false joint	....	1	1	1	....	....	....	1
Dislocation of acromio-clavicular joint								
Suture of acromion process and clavicle	1	....	1	1	....	....	....	1
Dislocation of ankle, compound, and compound fracture of tibia								
Open reduction	1	....	1	1	....	....	....	1
Dislocation of cervical vertebrae								
Manipulation	....	2	2	2	....	....	....	2
Dislocation of elbow								
Closed reduction	1	....	1	1	....	....	....	1
Excision of joint	....	1	1	1	....	....	....	1
Dislocation of elbow with fracture of olecranon								
Open reduction	....	1	1	1	....	....	....	1
Dislocation of phalangeal joint (finger)								
Open reduction	1	....	1	1	....	....	....	1
Dislocation of phalangeal joints (toes)								
Open reduction	1	....	1	....	1	....	....	1
Dislocation of shoulder								
Capsulorrhaphy	1	....	1	1	....	....	....	1
Excision of head of humerus . . .	....	1	1	1	....	....	....	1
Open reduction	1	....	1	1	....	....	....	1
Dislocation of wrist								
Excision of semilunar bone . . .	2	....	2	2	....	....	....	2
Excision of semilunar and cuneiform bones	1	....	1	1	....	....	....	1

Table B — Surgical Operations, 1917 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1918	Total
SECTION XVI								
Displaced semilunar cartilage								
Excision of cartilage	4	4	8	8	....	....	....	8
Genu valgum								
Avulsion of femoral epiphysis	....	1	1	1	....	....	....	1
Osteoclasis of femur	1	....	1	1	....	....	....	1
Osteotomy of femur	6	7	13	13	....	....	....	13
Osteotomy of tibia and fibula	1	....	1	1	....	....	....	1
Genu varum								
Osteoclasis of tibia	1	3	4	4	....	....	....	4
Osteoclasis of tibia and fibula	1	....	1	1	....	....	....	1
Osteotomy of femur	....	1	1	....	....	....	1	1
Osteotomy of tibia	3	....	3	3	....	....	....	3
Osteotomy of tibia and fibula	2	....	2	2	....	....	....	2
Loose bodies in knee								
Removal	2	....	2	2	....	....	....	2
Loose costal cartilage								
Excision	1	....	1	1	....	....	....	1
Slipping sacro-iliac joint								
Manipulation	....	1	1	1	....	....	....	1
Snapping hip								
Excision of gluteal bursa and suture of fascia	....	1	1	1	....	....	....	1
Strain, sacro-iliac								
Manipulation	2	....	2	2	....	....	....	2
Synovitis of knee								
Arthrotomy	1	....	1	1	....	....	....	1
Arthrotomy with oil injection	1	....	1	1	....	....	....	1
Wound, lacerated, of knee								
Suture	1	....	1	1	....	....	....	1
C. Other Diseases of Organs of Locomotion								
Atrophy of foot following trauma								
Amputation of leg	1	....	1	1	....	....	....	1
Bursitis, popliteal								
Excision of bursa	1	1	2	2	....	....	....	2
Bursitis, prepatellar								
Excision of bursa	2	1	3	3	....	....	....	3
Incision and drainage	1	....	1	1	....	....	....	1

Table B — Surgical Operations, 1917 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1918	Total
SECTION XVI								
Bursitis, psoas								
Excision of bursa	2	....	2	2	....	....	....	2
Bursitis, subacromial								
Excision of bursa	1	....	1	1	....	....	....	1
Separation of adhesions	1	....	1	1	....	....	....	1
Bursitis, septic, of toe								
Excision of bursa	....	1	1	1	....	....	....	1
Contraction, cicatricial, of anus								
Dilatation of sphincter	1	....	1	1	....	....	....	1
Contraction, cicatricial, of arm								
Plastic operation	1	3	4	3	1	....	....	4
Contraction, cicatricial, of axilla								
Plastic operation	1	....	1	1	....	....	....	1
Contraction, cicatricial, of face								
Plastic operation	1	2	3	3	....	....	....	3
Contraction, cicatricial, of finger								
Amputation of finger	1	1	2	2	....	....	....	2
Excision of cicatrix	1	....	1	1	....	....	....	1
Plastic operation	....	3	3	3	....	....	....	3
Contraction, cicatricial, of hand								
Freeing adhesions and tenorrhaphy	....	1	1	1	....	....	....	1
Plastic operation	1	1	2	1	1	....	....	2
Primary operation	1	....	1	1	....	....	....	1
Skin grafting	1	....	1	1	....	....	....	1
Contraction, cicatricial, of lip								
Plastic operation	6	2	8	7	....	....	1	8
Contraction, cicatricial, of mouth								
Plastic operation	1	....	1	1	....	....	....	1
Contraction, cicatricial, of neck								
Plastic operation	1	....	1	1	....	....	....	1
Contraction, cicatricial, of penis								
Cutting cicatrix	1	....	1	1	....	....	....	1
Contraction, Dupuytren's								
Plastic operation	1	....	1	1	....	....	....	1
Contraction, spastic, of muscles of leg								
Stoeffel's operation	1	....	1	1	....	....	....	1
Contracture of knee								
Excision of joint	....	1	1	....	....	....	1	1

Table B — Surgical Operations, 1917 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1918	Total
SECTION XVI								
Contracture of knee, — continued								
Plastic operation	1	....	1	1	....	....	....	1
Ganglion of knee								
Excision	1	....	1	1	....	....	....	1
Hallux valgus								
Excision of bursa and exostosis	....	3	3	3	....	....	....	3
Excision of exostoses	....	2	2	2	....	....	....	2
Excision of head of metatarsal	....	2	2	2	....	....	....	2
Hammer toes								
Excision of heads of metatarsals	2	....	2	2	....	....	....	2
Tenoplasty	....	1	1	1	....	....	....	1
Myositis ossificans								
Excision of bony mass from thigh	....	2	2	1	1	....	....	2
Ruptured quadriceps tendon								
Arthrotomy of knee and tenorrhaphy	1	....	1	1	....	....	....	1
Ruptured supraspinatus muscle								
Suture	1	....	1	1	....	....	....	1
Ruptured supraspinatus tendon								
Tenorrhaphy	2	....	2	2	....	....	....	2
Severed tendons								
Excision of cicatrix and mobilization of tendons	2	....	2	2	....	....	....	2
Tenoplasty	1	....	1	1	....	....	....	1
Tenorrhaphy	2	....	2	2	....	....	....	2
Strain of back								
Manipulation	1	....	1	1	....	....	....	1
Talipes, congenital (variety unspecified)								
Manipulation and tenotomy	1	....	1	1	....	....	....	1
Osteotomy, tenoplasty and tenotomy	1	....	1	1	....	....	....	1
Talipes calcaneo-valgus								
Astragalectomy	1	....	1	1	....	....	....	1
Talipes equino-varus								
Bone transplantation	....	1	1	1	....	....	....	1
Manipulation and tenotomy	1	....	1	1	....	....	....	1
Myotomy and fasciotomy	1	....	1	1	....	....	....	1
Osteotomy of tarsus	1	1	2	2	....	....	....	2

Table B — Surgical Operations, 1917 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1918	Total
SECTION XVI								
Talipes valgus								
Osteotomy of cuneiform and lengthening of tendo-Achillis	....	1	1	1	....	....	....	1
Tenosynovitis of flexor tendon of thumb								
Exploratory puncture	....	1	1	1	....	....	....	1
Torticollis								
Division of sternocleidomastoid	1	5	6	6	....	....	....	6
Wound, gunshot, of neck								
Extraction of bullet	1	....	1	1	....	....	....	1
SECTION XVII								
Diseases and Injuries of the Eye and Ear								
Ectropion of eyelid								
Excision of cicatrix	1	....	1	1	....	....	....	1
Mastoiditis, acute								
Incision and drainage	1	....	1	....	....	1[a]	....	1
Mastoiditis, acute, with septic meningitis								
Incision, curettage and drainage	1	....	1	....	....	1[b]	....	1
Mastoiditis, chronic								
Mastoidectomy	1	....	1	1	....	....	....	1
Otitis media, acute								
Paracentesis	1	....	1	1	....	....	....	1
Traumatic deformity of ear								
Plastic operation	1	....	1	1	....	....	....	1
SECTION XVIII								
Diseases of the Nose and Accessory Sinuses								
Atresia of nostril								
Plastic operation	1	....	1	1	....	....	....	1
Deformity of nose								
Bone transplantation	5	3	8	8	....	....	....	8

a See No. 77. *b* See No. 81.

Table B — Surgical Operations, 1917 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1918	Total
SECTION XVIII								
Deviated septum								
Submucous resection	13	9	22	21	....	....	1	22
Empyema of antrum								
Curettage	1	2	3	3	....	....	....	3
Incision and drainage	1	....	1	1	....	....	....	1
Incision, drainage and turbinectomy	....	1	1	1	....	....	....	1
Radical operation	2	4	6	5	....	....	1	6
Empyema of antrum and ethmoiditis								
Extraction of teeth and curettage of jaw	2	....	2	2	....	....	....	2
Ethmoiditis								
Curettage of middle turbinates	....	1	1	1	....	....	....	1
Exenteration of ethmoids	....	1	1	1	....	....	....	1
Ethmoiditis and sphenoiditis								
Exenteration of ethmoid and sphenoid cells and turbinectomy	1	....	1	....	....	1[a]	....	1
Foreign body in nasal septum								
Removal	1	....	1	1	....	....	....	1
Pansinusitis								
Extraction of teeth and curettage of jaw	....	1	1	1	....	....	....	1
Sinusitis, acute								
Incision and drainage	1	2	3	3	....	....	....	3
Killian operation (modified)	1	....	1	1	....	....	....	1
Turbinectomy	....	2	2	2	....	....	....	2
Sinusitis, chronic								
Turbinotomy and incision of antrum	.	2	2	2	....	....	....	2
Turbinotomy, resection of antronasal wall, and curettage of antrum	. .	1	1	1	....	....	....	1
SECTION XIX								
Diseases of Mouth, Lips and Tonsils								
Abscess of parotid								
Incision and drainage	6	....	6	4	2	....	....	6

a See No. 56.

Table B — Surgical Operations, 1917 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1918	Total
SECTION XIX								
Abscess, peritonsillar								
Tonsillectomy	....	1	1	1	....	....	....	1
Abscess, retropharyngeal								
Incision and drainage	1	....	1	1	....	....	....	1
Abscess of salivary gland								
Incision and drainage	1	1	2	2	....	....	....	2
Adenoids								
Excision	2	3	5	5	....	....	....	5
Deformity, post-operative, of lip								
Plastic operation	1	1	2	2	....	....	....	2
Hypertrophy of lip								
Excision of membrane	1	....	1	1	....	....	....	1
Hypertrophy of tonsils								
Tonsillectomy	4	4	8	8	....	....	....	8
Tonsillitis, chronic								
Tonsillectomy	19	52	71	70	....	....	1	71
Tonsils and adenoids								
Tonsillectomy and excision of adenoids	20	14	34	32	....	....	2	34
SECTION XX								
Diseases of Jaw, Teeth and Gums								
Absorption of alveolar process								
Excision of diseased bone	1	....	1	1	....	....	....	1
Alveolar abscess								
Drainage of antrum	....	1	1	1	....	....	....	1
Extraction of tooth and curettage of jaw	2	6	8	8	....	....	....	8
Incision and drainage	1	2	3	3	....	....	....	3
Impacted tooth								
Extraction	2	2	4	4	....	....	....	4
Infection of jaw								
Curettage with excision of spongiosum	....	1	1	1	....	....	....	1
(Removal of bone plate from jaw)	....	1	1	1	....	....	....	1

Table B — Surgical Operations, 1917 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1918	Total
SECTION XXII								
Diseases of the Esophagus								
Cardiospasm								
Bronchoscopy	1	....	1	....	....		1	1
Esophagoscopy	1	....	1	1	....	....	....	1
(Diagnosis)								
Esophagoscopy	....	3	3	3	....	....	....	3
Diverticulum								
Esophagotomy	1	....	1	1	....	....	....	1
Foreign body								
Esophagoscopy with removal	....	1	1	1	....	....	....	1
Stricture								
Dilatation	....	1	1	1	....	....	....	1
Esophagoscopy	3	1	4	2	2	....	....	4
Gastrostomy	....	1	1	....	....	....	1	1
SECTION XXIII								
Diseases of the Stomach								
Adhesions								
Laparotomy with lysis of adhesions	2	2	4	4	....	....	....	4
Adhesions and gastrectasis								
Laparotomy with lysis of adhesions and gastro-enterostomy	1	....	1	1	....	....	....	1
(Diagnosis)								
Exploratory gastrotomy and pyloroplasty	....	1	1	1	....	....	....	1
Gastritis, chronic								
Exploratory laparotomy	1	....	1	1	....	....	....	1
(Gastro-enterostomy stoma)								
Closure	....	1	1	1	....	....	....	1
Pylorospasm								
Exploratory laparotomy	1	....	1	....	....	1[a]	....	1

a See No. 94.

Table B — Surgical Operations, 1917 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1918	Total
SECTION XXIII								
Rupture of stomach								
Exploratory laparotomy	1	....	1	1	....	....	....	1
Stenosis of pylorus								
Exploratory laparotomy and gastro-enterostomy	1	....	1	1	....	....	....	1
Ulcer								
Cauterization and plication	....	1	1	1	....	....	....	1
Excision of ulcer	5	....	5	5	....	....	....	5
Exploratory gastrotomy with cauterization and infolding of ulcer	1	....	1	1	....	....	....	1
Exploratory gastrotomy with lysis of adhesions	1	....	1	....	....	1	....	1
Gastrectomy, partial, with gastro-enterostomy	1	2	3	2	....	1[a]	....	3
Gastro-enterostomy	7	3	10	9	....	1[b]	....	10
Gastro-enterostomy with cauterization	3	....	3	3	....	....	....	3
Gastro-enterostomy with excision of ulcer	5	....	5	5	....	....	....	5
Gastro-enterostomy with infolding of ulcer	5	1	6	4	....	2[c]	....	6
Gastro-enterostomy with occlusion of pylorus	1	....	1	....	....	....	1	1
Infolding of ulcer	1	....	1	....	....	....	1	1
Resection of stomach and end-to-end anastomosis	1	1	2	2	....	....	....	2
Ulcer, perforating								
Exploratory laparotomy	2	....	2	1	....	1[d]	....	2
Infolding of ulcer	4	1	5	4	....	....	1	5
Ulcers, gastric and duodenal								
Cauterization of gastric ulcer; plastic on duodenal; gastro-enterostomy	1	....	1	1	....	....	....	1
Vomiting, persistent, following gastro-enterostomy for duodenal ulcer								
Exploratory laparotomy and lateral intestinal anastomosis	1	....	1	....	....	1[e]	....	1

a See No. 59. *b* See No. 64. *c* See Nos. 67, 68. *d* See No. 92. *e* See No. 96.

Table B — Surgical Operations, 1917 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1918	Total
SECTION XXIV								
Diseases of the Intestines								
Adhesions								
Exploratory laparotomy with lysis of adhesions	7	5	12	11	1	....	....	12
(*Appendectomy, routine*)	27	174	201	197	1	....	3	201
Appendicitis, acute								
Appendectomy	122	79	201	191	....	4[a]	6	201
Appendicitis, acute, with peritonitis								
Appendectomy with drainage	8	7	15	8	....	6[b]	1	15
Appendicitis, chronic								
Appendectomy, during attack	58	102	160	155	....	....	5	160
Appendectomy, during interval	7	5	12	12	....	....	....	12
Appendicitis, subacute								
Appendectomy	14	31	45	44	....	....	1	45
Colitis								
Appendicostomy	3	....	3	2	....	1[c]	....	3
Constipation								
Dilatation of sphincter	1	....	1	1	....	....	....	1
Fecal fistula								
Closing fistula	1	....	1	1	....	....	....	1
Exploration of fistula	....	1	1	1	....	....	....	1
Meckel's diverticulum								
Excision	1	1	2	2	....	....	....	2
Obstruction								
Anastomosis, lateral	1	....	1	1	....	....	....	1
Enterostomy	....	1	1	1	....	....	....	1
Exploratory laparotomy with tube drainage	1	1	2	2	....	....	....	2
Splanchnoptosis								
Plication of cecum and fixation of colon	....	1	1	1	....	....	....	1
Stasis								
Colectomy with lateral anastomosis	....	4	4	4	....	....	....	4

a See Nos. 8, 9, 10, 11. *b* See Nos. 12, 13, 14, 15, 16. *c* See No. 17.

Table B — Surgical Operations, 1917 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1918	Total
SECTION XXIV								
Stasis and arthritis								
Colectomy with lateral anastomosis	1	....	1	1	....	....	....	1
Stasis and epilepsy								
Colectomy with lateral anastomosis	3	4	7	7	....	....	....	7
Torsion of omentum								
Exploratory laparotomy and excision of omentum	1	....	1	1	....	....	....	1
Ulcer, duodenal								
Exploratory laparotomy	3	....	3	2	1	....	....	3
Gastro-enterostomies	1	....	1	....	....	1[a]	....	1
Gastro-enterostomy	19	6	25	20	3	1[b]	1	25
Gastro-enterostomy with excision of ulcer and pyloroplasty	....	1	1	1	....	....	....	1
Gastro-enterostomy with infolding of ulcer	17	5	22	18	1	2[c]	1	22
Gastro-enterostomy with infolding and suturing of bleeding ulcer	1	....	1	....	....	1[d]		1
Gastro-enterostomy with occlusion of pylorus	1	....	1	1	....	....	....	1
Infolding of ulcer	2	....	2		1	1[e]	....	2
Pyloroplasty	1	....	1	1	....	....	....	1
Ulcer, duodenal (perforating)								
Infolding of ulcer	4	1	5	3	....	....	2	5
Suturing perforation	1	....	1	....	1	....	....	1
Ulcer, typhoid (perforating), with peritonitis								
Laparotomy with omental covering of ulcer	1	....	1	1	....	....	....	1
Wounds, gunshot								
Exploratory laparotomy with suturing of wounds	1	....	1	....	....	1[f]	....	1
SECTION XXV								
Diseases of Liver and Gall Ducts								
Abscess about gall bladder								
Cholecystostomy	....	1	1	1	....	....	....	1

a See No. 60. *b* See No. 63. *c* See Nos. 65, 66. *d* See No. 69.
e See No. 100. *f* See No. 101.

Table B — Surgical Operations, 1917 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1918	Total
SECTION XXV								
Adhesions about gall bladder								
Exploratory laparotomy with lysis of adhesions	2	3	5	5	....	....	....	5
Biliary fistula								
Reconstruction of common duct	....	1	1	1	....	....	....	1
Cholangitis								
Choledochostomy	....	1	1	....	....	....	1	1
Cholecystitis								
Cholecystectomy	6	5	11	10	1	....	....	11
Cholecystostomy	3	1	4	4	....	....	....	4
Cholecystitis and acute pancreatitis								
Cholecystostomy	....	1	1	1	....	....	....	1
Cholelithiasis								
Cholecystectomy	14	68	82	73	....	4[a]	5	82
Cholecystectomy and choledochostomy	....	3	3	3	....	....	....	3
Cholecystostomy	3	5	8	5	1	1[b]	1	8
Cholecystotomy	1	2	3	3	....	....	....	3
Choledochotomy	1	1	2	2	....	....	....	2
Exploratory laparotomy and cholecystotomy	1	....	1	....	....	1[c]	....	1
Cholelithiasis and empyema of gall bladder								
Cholecystectomy and choledochotomy	1	....	1	1	....	....	....	1
Cholelithiasis and carcinoma of liver and gall bladder								
Exploratory laparotomy and cholecystostomy	....	1	1	....	1	....	....	1
Cirrhosis of liver								
Cholecystostomy	....	1	1	1	....	....	....	1
Exploratory laparotomy	2	1	3	....	3	....	....	3
Hemorrhagic cavity in liver								
Exploratory laparotomy	....	1	1	....	....	1[d]	....	1
Jaundice, hemolytic								
Splenectomy	....	1	1	1	....	....	....	1
Stenosis of bile duct								
Exploratory laparotomy	1	....	1	1	....	....	....	1

a See Nos. 19, 20, 21, 22. *b* See No. 25. *c* See No. 95. *d* See No. 91.

Table B — Surgical Operations, 1917 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1918	Total
SECTION XXVI								
Diseases of the Pancreas								
Pancreatitis								
Cholecystostomy	2	....	2	1	1	....	....	2
Exploratory laparotomy and cholecystostomy	....	1	1	1	....	....	....	1
Laparotomy with drainage	....	1	1	....	....	....	1	1
SECTION XXVII								
Diseases of the Abdomen and Peritoneum in General								
Abscess, abdominal								
Laparotomy with drainage	4	3	7	6	1	....	....	7
Abscess, abdominal, with sinus								
Incision and drainage of abscess with excision of sinus	....	1	1	1	....	....	....	1
Abscess, retroperitoneal								
Laparotomy with drainage	2	4	6	6	....	....	....	6
Abscess, retroperitoneal, and peritonitis								
Laparotomy with drainage	....	1	1	....	....	1[a]	....	1
Abscess, subphrenic								
Exploration of thoracotomy wound with aspiration of pericardium and drainage	1	....	1	1	....	....	....	1
(Diagnosis)								
Exploratory laparotomy	10	16	26	24	2	....	....	26
Hemoperitoneum								
Exploratory laparotomy	1	....	1	....	....	1[b]	....	1
Hernia, epigastric								
Radical cure	4	....	4	4	....	....	....	4
Hernia, femoral								
Radical cure	10	16	26	21	....	....	5	26

a See No. 84. *b* See No. 85.

Table B — Surgical Operations, 1917 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1918	Total
SECTION XXVII								
Hernia, femoral (strangulated)								
Radical cure	....	3	3	3	....	....	....	3
Resection of intestine with end-to-end anastomosis	1	....	1	1	....	....	....	1
Hernia, inguinal								
Radical cure	331	25	356	340	....	....	16	356
Hernia, inguinal, with undescended testicle								
Radical cure, and orchidectomy	6	....	6	6	....	....	....	6
Radical cure with orchidopexy	9	....	9	9	....	....	....	9
Hernia, inguinal (strangulated)								
Radical cure	7	2	9	9	....	....	....	9
Hernia, inguinal (strangulated), with undescended testicle								
Radical cure with orchidopexy	4	....	4	2	....	1[a]	1	4
Hernia, umbilical								
Radical cure	4	6	10	10	....	....	....	10
Hernia, umbilical (strangulated)								
Radical cure	....	1	1	....	....	1[b]	....	1
Herniae, umbilical and epigastric								
Radical cure	....	1	1	1	....	....	....	1
Hernia, ventral								
Radical cure	15	19	34	32	....	1[c]	1	34
Hernia, ventral (strangulated)								
Radical cure	2	....	2	2	....	....	....	2
Pelvic abscess in the male								
Laparotomy with drainage	1	....	1	1	....	....	....	1
Peritonitis, chronic adhesive								
Laparotomy with lysis of adhesions	1	...	1	1	....	....	....	1
Peritonitis, general								
Exploratory laparotomy	....	2	2	....	....	2[d]	....	2
Laparotomy with drainage	....	2	2	2	....	....	....	2
Sinus, abdominal								
Excision of tract of sinus	2	1	3	2	....	....	1	3
Exploration of sinus	1	....	1		1	....	....	1
Exploratory laparotomy with excision of tract of extensive sinus,								

a See No. 119. *b* See No. 117. *c* See No. 118. *d* See Nos. 88, 89.

Table B — Surgical Operations, 1917 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1918	Total
SECTION XXVII								
Sinus abdominal — continued								
and intestinal resection with end-to-end anastomosis for operative tears	....	1	1	1	....	....	....	1
Incision and curettage	1	....	1	1	....	....	....	1
Incision and drainage	1	....	1	1	....	....	....	1
Removing old sutures	....	1	1	1	....	....	....	1
Wounds, gunshot, of abdomen								
Exploratory laparotomy	....	2	2	1	....	1[a]	....	2
Wounds, incised, of abdomen and chest								
Exploratory laparotomy with drainage	1	....	1	....	....	1[b]	....	1
SECTION XXVIII								
Diseases of Rectum and Anus								
Abscess, ischio-rectal								
Incision and drainage	12	7	19	18	....	....	1	19
Fissure in anus								
Dilatation of sphincter	1	4	5	5	....	....	....	5
with cauterization	....	1	1	1	....	....	....	1
Fistula in anus								
Curettage	4	1	5	4	1	....	....	5
Excision	16	13	29	29	....	....	....	29
Incision and drainage	2	2	4	4	....	....	....	4
Hemorrhoids								
Clamp and cautery	66	16	82	81	....	....	1	82
Clamp and suture	4	1	5	4	....	....	1	5
Excision	2	1	3	3	....	....	....	3
Prolapse								
Cauterization	2	....	2	1	1	....	....	2
Clamp and cautery	2	....	2	2	....	....	....	2
Proctopexy	....	1	1	1	....	....	....	1

a See No. 90. *b* See No. 97.

Table B — Surgical Operations, 1917 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1918	Total
SECTION XXVIII								
Stricture (non-malignant)								
Dilatation	....	1	1	1	....	....	....	1
SECTION XXIX								
Disease of Larynx								
Edema								
Tracheotomy	1	1	2	1	1	....	....	2
SECTION XXX								
Diseases of the Trachea and Bronchi								
Bronchiectasis								
Exploratory thoracotomy with resection of rib	....	1	1	1	....	....	....	1
Fistula, bronchial	....							
Thoracotomy with resection of rib	2	....	2	1	1	....	....	2
Fistula, tracheal								
Plastic operation	....	1	1	...1		....	....	1
Foreign body in bronchus								
Bronchoscopy	1	1	2	1	1	....	....	2
Tracheotomy and removal	1	....	1	1	....	....	....	1
SECTION XXXI								
Diseases of the Lungs								
Abscess								
Bronchoscopy for localization of abscess	1	....	1	....	1	....	....	1
Exploratory thoracotomy	1	....	1	1	....	....	....	1
Thoracotomy with drainage	2	2	4	2	....	1[a]	1	4
Thoracotomy with resection of rib	4	3	7	4	1	1[b]	1	7

a See No. 129. *b* See No. 131.

Table B — Surgical Operations, 1917 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1918	Total
SECTION XXXII								
Diseases of the Pleura								
Empyema								
Thoracentesis	1	1	2	....		2[a]	....	2
Thoracotomy with decortication of lung	1	....	1	1	....	....	....	1
Thoracotomy with drainage	8	5	13	8	3	1[b]	1	13
Thoracotomy with resection of ribs and decortication of lung	1	....	1	1	....	....	....	1
Thoracotomy with resection of rib and drainage	16	10	26	19	2	4[c]	1	26
Empyema with subphrenic abscess								
Thoracotomy with resection of rib and drainage	1	....	1	1	....	....	....	1
Hemothorax								
Thoracotomy with resection of rib and drainage	1	1	2	....	1	1[d]	....	2
Pleurisy, fibrous								
Thoracotomy with resection of rib	2	....	2	2	....	....	....	2
SECTION XXXIII								
Diseases of the Kidney and Ureter								
Abscess, perinephritic								
Incision and drainage	9	1	10	9	1	....	....	10
Calculus, ureteral								
Cystotomy, suprapubic, and ureterotomy	1	....	1	1	....	....	....	1
Exploratory incision through vagina	....	1	1	1	....	....	....	1
Ureterotomy	10	4	14	13	....	....	1	14
(Diagnosis)								
Exploratory laparotomy with exploration of kidney	1	....	1	....	....	1[e]	....	1

a See Nos. 127, 128. *b* See No. 130. *c* See Nos. 132, 133, 134, 135.
d See No. 136. *e* See No. 99.

Table B — Surgical Operations, 1917 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1918	Total
SECTION XXXIII								
Fistula, ureteral								
Exploring fistula	....	1	1	....	..	....	...1	1
Exploratory laparotomy with section and ligation of ureter	....	1	1	....	1	....	....	1
Hematuria (cause unknown)								
Decapsulation of kidney	1	....	1	1	....	....	....	2
Hydronephrosis								
Nephrectomy	2	3	5	5	....	....	....	5
Nephritis								
Decapsulation of kidney	1	....	1	1	....	....	....	1
Nephrolithiasis								
Nephrectomy	7	2	9	8	....	....	1	9
Nephrotomy	3	....	3	3	....	....	....	3
Pyelotomy	8	3	11	10	....	....	1	11
Pyelotomy and nephrotomy	....	1	1	1	....	....	....	1
Nephroptosis								
Exploratory laparotomy	....	1	1	1	....	....	....	1
Exploratory pyelotomy and nephropexy	....	1	1	1	....	....	....	1
Pyelitis								
Nephrotomy	1	....	1	1	....	....	....	1
Pyonephrosis								
Nephrectomy	1	4	5	4	....	1[a]	....	5
Pyonephrosis, calculous								
Nephrectomy	2	1	3	3	....	....	....	3
Wound, incised, of ureter								
End-to-side anastomosis	....	1	1	....	....	....	1	1
SECTION XXXIV								
Diseases of the Bladder								
Abscess, perivesical								
Cystotomy, suprapubic, with drainage	1	....	1	1	....	....	....	1
Calculus								
Cystotomy, suprapubic	1	....	1	1	....	....	....	1
Litholapaxy	9	1	10	10	....	....	....	10

a See No. 103.

Table B — Surgical Operations, 1917 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1918	Total
SECTION XXXIV								
Calculus — continued								
Litholapaxy and suprapubic cystostomy	1	....	1	1	....	....	....	1
Diverticulum								
Cystostomy, suprapubic	1	....	1	....	....	1[a]	....	1
Excision	1	....	1	1	....	....	....	1
Fistula, vesical								
Closing fistula	1	1	2	1	....	....	1	2
Foreign body								
Removal	2	....	2	2	....	....	....	2
Incontinence of urine								
Plastic operation on urethra	....	1	1	1	....	....	....	1
Lacerated vesical sphincter and urethra								
Plastic operation	....	1	1	1	....	....	....	1
Obstructing bladder								
Prostatotomy with excision of obstructing tissue	1	....	1	1	....	....	....	1
Retention, acute								
Cystostomy	2	....	2	1	....	....	1	2
Ruptured bladder								
Cystotomy, suprapubic	1	....	1	....	....	1[b]	....	1
SECTION XXXV								
Diseases of the Urethra								
Abscess, periurethral								
Incision and drainage	5	....	5	5	....	....	....	5
Absence of urethra, acquired								
Plastic operation	....	1	1	1	....	....	....	1
Calculus								
Urethrotomy, external	1	....	1	1	....	....	....	1
Fistula								
Excision of tract of fistula	2	....	2	2	....	....	....	2
Rupture								
Perineal section and cystostomy	2	....	2	1	....	1[c]	....	2

a See No. 46. *b* See No. 49. *c* See No. 107.

Table B — Surgical Operations, 1917 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1918	Total
SECTION XXXV								
Stricture								
Divulsion	2	....	2	1	1	....	....	2
Urethrotomy, external	36	....	36	31	....	2[a]	3	36
Urethrotomy, internal	2	....	2	2	....	....	....	2
Urethrotomy, internal and external	6	....	6	6	....	....	....	6
SECTION XXXVI								
Diseases of the Male Generative Organs								
B. Penis								
Balanitis								
Amputation	1	....	1	1	....	....	....	1
Cauterization	1	....	1	1	....	....	....	1
Phimosis								
Circumcision	10	....	10	10	....	....	....	10
C. Prostate								
Abscess								
External urethrotomy with drainage	1	....	1	1	....	....	....	1
Incision and drainage	1	....	1	1	....	....	....	1
Adenoma								
Cystostomy, suprapubic	2	....	2	1	....	1[b]	....	2
Cystotomy, suprapubic	3	....	3	3	....	....	....	3
Prostatectomy, perineal	9		9	7	....	2[c]	....	9
Prostatectomy, suprapubic	27	....	27	19	1	3[d]	4	27
E. Scrotum								
Abscess of scrotum and testicle								
Incision and curettage	1	....	1	1	....	....	....	1
Hematocele								
Excision	2	....	2	2	....	....	....	2
Orchidectomy with excision of hematocele	1	....	1	1	....	....	....	1
Hydrocele								
Eversion of sac	6	....	6	6	....	....	....	6
Excision of sac	38	....	38	35	....	....	3	38
Excision of tunica vaginalis	1	....	1	1	....	....	....	1
Inversion of sac	1	....	1	1	....	....	....	1

a See Nos. 140, 141.
b See No. 145.
c See Nos. 110, 111.
d See Nos. 113, 114, 115.

Table B — Surgical Operations, 1917 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1918	Total
SECTION XXXVI								
Hydrocele — continued								
Tapping, and injection of carbolic acid	2	....	2	2	....	....	....	2
Hydrocele of cord								
Excision of sac	3	....	3	3	....	....	....	3
Varicocele								
Resection of veins of cord	42	....	42	42	....	....	....	42
F. Testicle								
Abscess								
Orchidectomy	2	....	2	2	....	....	....	2
Epididymitis								
Epididymotomy	3	....	3	3	....	....	....	3
Epididymo-vasectomy	2	....	2	2	....	....	....	2
Incision and drainage of abscess	1	....	1	1	....	....	....	1
Orchidectomy	1	....	1	1	....	....	....	1
Torsion of spermatic cord								
Orchidectomy	1	....	1	1	....	....	....	1
SECTION XXXVII								
Diseases of the Female Generative Organs								
A. Vulva								
Abscess of Bartholin's gland								
Excision of gland	....	5	5	5	....	....	....	5
Incision and drainage	....	1	1	1	....	....	....	1
Ulcer, labial								
Excision	....	1	1	1	....	....	....	1
B. Vagina								
Cystocele								
Colporrhaphy	....	5	5	4	....	....	1	5
Cystocele and lacerated perineum								
Colpo-perineorrhaphy	....	4	4	4	....	....	....	4
Cystocele and rectocele								
Colpo-perineorrhaphy	....	3	3	3	....	....	....	3
Colporrhaphy	....	7	7	7	....	....	....	7
Interposition of uterus and bladder	....	2	2	1	....	1[a]	....	2

a See No. 82.

Table B — Surgical Operations, 1917 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1918	Total
SECTION XXXVII								
Cystocele, rectocele and lacerated perineum								
Colpo-perineorrhaphy and ventral suspension	....	1	1	1	....	....	....	1
Fistula, vesico-vaginal								
Plastic operation	....	4	4	4	....	....	....	4
Rectocele								
Colpo-perineorrhaphy	....	3	3	2	....	....	1	3
C. Uterus								
Anteflexion								
Ventral suspension	....	2	2	2	....	....	....	2
Anteflexion and sterility								
Dilatation and insertion of pessary	....	3	3	3	....	....	....	3
(Diagnosis)								
Dilatation and curettage	....	76	76	76	....	....	....	76
Endocervicitis								
Amputation of cervix	....	3	3	2	....	....	1	3
Dilatation and curettage	....	13	13	13	....	....	....	13
Endometritis								
Dilatation and curettage	....	20	20	19	....	....	1	20
Endometritis, hyperplastic								
Dilatation and curettage	....	2	2	2	....	....	....	2
Hysterectomy	....	4	4	3	....	1[a]	....	4
Hysterectomy and salpingo-oöphorectomy	....	2	2	1	....	....	1	2
Endometritis, hyperplastic, and myoma								
Hysterectomy and salpingo-oöphorectomy	....	1	1	1	....	....	....	1
Erosion of cervix								
Trachelorrhaphy	....	1	1	1	....	....	....	1
Evulsion of round ligament								
Exploratory incision with removal of blood clot from labia majora	....	1	1	1	....	....	....	1
Fibrosis								
Hysterectomy and salpingo-oöphorectomy	....	1	1	1	....	....	....	1
Hypertrophy of cervix								
Amputation	....	1	1	1	....	....	....	1

a See No. 75.

Table B — Surgical Operations, 1917 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1918	Total
SECTION XXXVII								
Pelvic abscess								
Laparotomy with drainage	....	2	2	2	....	....	....	2
Vaginal puncture with drainage	....	16	16	10	5	1[a]	....	16
Pelvic adhesions								
Hysterectomy and salpingo-oöphorectomy	....	1	1	1	....	....	....	1
Laparotomy with freeing of adhesions	....	1	1	1	....	....	....	1
Procidentia								
Amputation of cervix	....	1	1	1	....	....	....	1
Amputation of cervix and round ligament suspension	....	1	1	1	....	....	....	1
Colporrhaphy	....	1	1	1	....	....	....	1
Hysterectomy	....	1	1	1	....	....	....	1
Ventral fixation	....	1	1	1	....	....	....	1
Ventral suspension	....	4	4	4	....	....	....	4
Prolapse								
Amputation of cervix	....	1	1	1	....	....	....	1
Hysterectomy, vaginal	....	1	1	1	....	....	....	1
Hysterectomy and salpingo-oöphorectomy	....	2	2	2	....	....	....	2
Round ligament suspension	....	2	2	2	....	....	....	2
Ventral fixation	....	4	4	4	....	....	....	4
Ventral suspension	....	6	6	6	....	....	....	6
Prolapse and cystocele								
Amputation of cervix, and interposition of uterus and bladder	....	1	1	1	....	....	....	1
Interposition of uterus and bladder	....	2	2	2	....	....	....	2
Retroversion								
Hysterectomy	....	3	3	3	....	....	....	3
Round ligament suspension	....	20	20	20	....	....	....	20
Ventral fixation	....	11	11	11	....	....	....	11
Ventral suspension	....	38	38	38	....	....	....	38
Wound, incised, of uterus								
Repairing wound	....	1	1	1	....	....	....	1
D. Fallopian tubes								
Hydrosalpinx								
Salpingectomy	....	1	1		....	....	1	1

a See No. 142.

Table B — Surgical Operations, 1917 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1918	Total
SECTION XXXVII								
Hydrosalpinx — continued								
Salpingo-oöphorectomy	....	5	5	5	....	....	....	5
Pyosalpinx								
Salpingo-oöphorectomy	....	6	6	5	....	1[a]	....	6
Salpingo-oöphorectomy and round ligament suspension	....	1	1	1	....	....	....	1
Vaginal puncture with drainage	....	1	1	1	....	....	....	1
Salpingitis								
Dilatation and curettage	....	1	1	1	....	....	....	1
Exploratory laparotomy	....	1	1	1	....	....	....	1
Hysterectomy and salpingo-oöphorectomy	....	4	4	4	....	....	....	4
Laparotomy with drainage	....	1	1	1	....	....	....	1
Salpingectomy	....	15	15	14	....	....	1	15
Salpingo-oöphorectomy	....	20	20	18	....	1[b]	1	20
Salpingo-oöphorectomy and ventral fixation	...	3	3	3	....	....	....	3
Salpingo-oöphorectomy and ventral suspension	....	7	7	7	....	....	....	7
Salpingitis and cystic ovaries								
Salpingo-oöphorectomy and ventral fixation	....	1	1	1	....	....	1	1
Salpingo-opöhorectomy and ventral suspension	....	2	2	1	....	....	1	2
Salpingitis and pelvic peritonitis								
Exploratory laparotomy	....	1	1	1	....	....	....	1
Salpingitis and retroversion of uterus								
Hysterectomy and salpingo-oöphorectomy	....	1	1	1	....	....	....	1
E. Ovary								
Abscesses of ovary and salpingitis								
Salpingo-oöphorectomy	....	1	1	1	....	....	....	1
F. General and Functional								
Dysmenorrhea								
Dilatation of cervix	....	1	1	1	....	....	....	1
Dilatation and curettage	....	17	17	17	....	....	....	17
Menorrhagia								
Dilatation and curettage	....	1	1	1	....	....	....	1

a See No. 125. *b* See No. 126.

Table B — Surgical Operations, 1917 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1918	Total
SECTION XXXVII								
Metrorrhagia								
Dilatation and curettage	....	11	11	11	....	....	....	11
G. Breast.								
Abscess (non-puerperal)								
Incision and drainage	....	1	1	1	....	....	....	1
Cystic disease								
Amputation	....	6	6	6	....	....	....	6
Amputation with fat transplantation	....	3	3	3	....	....	....	3
Mastitis, chronic, with abscess								
Amputation	....	1	1	1	....	....	....	1
SECTION XXXVIII								
Puerperal State								
Abortion, attempted								
Dilatation and curettage	....	1	1	1	....	....	....	1
Abscess of breast, puerperal								
Incision and drainage	....	1	1	1	....	....	....	1
Laceration of cervix								
Amputation	....	4	4	4	....	....	....	4
Trachelorrhaphy	....	44	44	43	....	....	1	44
Laceration of cervix and perineum								
Amputation of cervix and perineorrhaphy	....	1	1	1	....	....	....	1
Colpo-perineorrhaphy	....	1	1	....	1	....	....	1
Perineorrhaphy and ventral suspension	....	1	1	1	....	....	....	1
Trachelorrhaphy and colpo-perineorrhaphy	....	10	10	9	....	....	1	10
Trachelorrhaphy and perineorrhaphy	....	47	47	46	....	....	1	47
Laceration of perineum								
Colpo-perineorrhaphy	....	4	4	4	....	....	....	4
Colporrhaphy	....	1	1	1	....	....	....	1
Perineorrhaphy	....	22	22	22	....	....	....	22

Table B — Surgical Operations, 1917 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1918	Total
SECTION XXXVIII								
Miscarriage								
Exploratory laparotomy with dilatation and curettage	....	1	1	1	....	....	....	1
Dilatation and curettage	....	41	41	40	....	....	1	41
Parturition								
Cesarian section	....	1	1	1	....	....	....	1
(Pregnancy)								
Reduction of incarcerated uterus	....	1	1	1	....	....	....	1
Therapeutic abortion on account of tuberculosis	....	2	2	2	....	....	....	2
Pregnancy?								
Exploratory laparotomy	....	1	1	1	....	....	....	1
Pregnancy, extrauterine								
Exploratory laparotomy	....	3	3	3	....	....	....	3
Salpingectomy	....	5	5	5	....	....	....	5
Salpingo-oöphorectomy	....	4	4	3	....	....	1	4
Pregnancy, extrauterine, and ovarian cyst								
Salpingo-oöphorectomy and round ligament suspension	....	1	1	1	....	....	....	1
Pregnancy, extrauterine, and parovarian cyst								
Hysterectomy	....	1	1	1	....	....	....	1
Retained placenta								
Dilatation and curettage	....	4	4	4	....	....	....	4
Subinvolution								
Dilatation and curettage	....	2	2	2	....	....	....	2
Hysterectomy and salpingo-oöphorectomy	....	1	1	1	....	....	....	1
Round ligament suspension	....	1	1	1	....	....	....	1
SECTION XXXIX								
Unclassified Diseases								
Appendicostomy wound								
Appendectomy for closure	....	1	1	1	....	....	....	1

Table B — Surgical Operations, 1917 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1918	Total
SECTION XXXIX								
Hemorrhage following tonsillectomy								
Suture of fossa	....	1	1	1	....	....	....	1
Hemorrhage, post-operative								
Packing prostatic cavity	1	....	1	1	....	....	....	1
Purpura hemorrhagica								
Transfusion	1	....	1	1	....	....	....	1
(*Skin grafting, not elsewhere specified*)	7	3	10	9	....	....	1	10
Shock								
Transfusion	1	....	1	1	....	....	....	1
Wound, septic, of hernia operation								
Removing suture	1	....	1	1	....	....	....	1
Wound, septic, of stump of leg								
Drainage and re-suture	1	....	1	1	....	....	....	1
Wound, unhealed, of foot								
Plastic operation	1	....	1	1	....	....	....	1
Total	2284	2236	4520	4041	172	144	163	4520

TABLE C.

SURGICAL OPERATIVE FATALITIES FOR 1917.

AMPUTATION OF ARM FOR

Crush.

1. Male. 30 years. Shortly before entrance caught in machinery, sustaining injuries to chest and traumatic amputation of arm just above elbow. Examination: Multiple fractures of ribs on right; evidently some injury to lung. *Operation.* Ether. Amputation stump cleaned. Failed, and died 6 hours after entrance to hospital. No autopsy.

AMPUTATION OF ARM, LEG, TOES AND FINGERS FOR

Crush.

2. Male. 32 years. Admitted to Emergency Ward. Said to have fallen between 2 cars of moving train. Examination: Left arm hanging by shred of skin; right hand showed crush amputation of 3 fingers with removal of tips of other 2; right leg, crush amputation close to knee; left foot, crush amputation of second and third toes; very restless; pulse rapid and weak; blood pressure 70/58. *Immediate operation.* Ether. Amputation hastily completed. Following day seemed to recover from shock; 6 days after operation sudden severe hemorrhage from stump; femoral artery tied. Examination of stump showed definite gas infection and air crepitus. Died 2 days later from shock, hemorrhage, and gas bacillus infection. No autopsy.

AMPUTATION OF BREAST WITH DISSECTION OF AXILLA FOR

Carcinoma.

3. Female. 55 years. Lost 25 pounds in 1½ years; 3 months before entrance first noticed small lump in right breast; caused no pain or discomfort, did not change in size. Examination: Right breast, internal to nipple, small, nodular, freely movable, non-tender mass, about 1¼ inches in diameter; skin not adherent; palpable, movable gland in right axilla. *Operation,* 3 days after entrance. Ether. Amputation of breast with dissection of axilla for carcinoma. Six days after operation began to drain good deal of serum from axillary stab wound, temperature up in evening; 11 days after operation right upper arm reddened and indurated, moderate purulent drainage from axillary wound. *Operation,* 13 days after first. Gas and oxygen. Forearm opened posteriorly; considerable serum, no pus. Steadily grew worse and died in 5 days. Clinical cause of death: Septicemia. No autopsy.

4. Female. 49 years. First noticed lump in right breast 6 weeks before entrance. Examination: Lump size of quarter of dollar, hard, firm, slightly adherent to deeper structures. *Operation.* Ether. Amputation of breast with dissection of axilla for carcinoma. Did well; wound healed in 12 days; sudden onset of dyspnea and cyanosis. Condition improved under stimulation, but 5 days later had another similar attack and died inside an hour. *Anat. diag.:* Pulmonary embolism; dilatation of heart.

AMPUTATION OF LEG FOR

Crush.

5. Male. 42 years. Entered Emergency Ward with diagnosis of traumatic amputation of both thighs. *Immediate operation.* Ether. Rapid circular amputation of both legs just above knees. Died about 10 minutes after operation. Death due to shock and hemorrhages. No autopsy.

AMPUTATION OF LEG FOR

Diabetic gangrene of foot.

6. Male. 60 years. Entered Emergency Ward with gangrene of foot. One month before entrance toes began to turn black; became very painful; sugar found in urine. *Operation,* 6 days after entrance. Spinal novocaine. Amputation of thigh just above condyle. Three days later seemed better and wound looked healthy; 12 days after operation there was a sudden respiratory convulsion; became incontinent of urine and feces; thrashed about, clutching at heart, and died in a few minutes. Death due to pulmonary embolus. No autopsy.

AMPUTATION OF LEG FOR

Sepsis.

7. Male. 65 years. History of osteomyelitis since childhood, represented by abscess at lower end of femur. Examination: Bone abscess, lower end of femur with sequestrum and discharging sinus. *Operation,* 2 days after entrance. Ether. Removal of sequestrum; abscess cavity packed. About 1 week after operation, without permission, got out of bed and fell, sustaining pathological fracture of femur through abscess cavity; following this, considerable pain and purulent discharge; gradually failed. *Second operation,* 6 weeks after first. Ether. Amputation of leg for sepsis. Continued to fail, and died 10 weeks after first operation. Clinical cause of death: Septicemia; cardiac failure. No autopsy.

APPENDECTOMY FOR

Acute appendicitis.

8. Male. 4 years. Entered Emergency Ward with diagnosis of acute appendicitis. Two days before entrance had sudden abdominal pain, with vomiting; bowels moved with castor oil. Examination: Abdomen tense, but not rigid; tenderness in right lower quadrant and up into right lumbar region. *Immediate operation.* Ether. Tip of appendix gangrenous; easily removed; during suturing of abdominal wall respiration became very shallow and patient died. Cause of death unknown. No autopsy.

9. Male. 40 years. Entered Emergency Ward with diagnosis of acute appendicitis. Day before entrance was seized with sharp general abdominal pain; took Epsom salts; vomited several times; pain persisted; became somewhat localized in right lower quadrant. Examination: Abdomen rounded and tympanitic, soft everywhere except in right lower quadrant, where there was marked spasm. *Immediate operation.* Ether. Perforated gangrenous appendix at pelvic brim; much cloudy, free fluid; 1 cigarette wick to stump and pelvis. Two days after operation became distended; no gas passed by rectum; 4 days after operation still distended; no gas by rectum; condition worse; died following day. Clinical cause of death: Peritonitis. No autopsy.

10. Male. 63 years. Pain in right lower quadrant for 1 week. Examination: Tender mass in appendix region; considerable mus-

cular spasm. *Operation.* Ether. Appendectomy with drainage of large abscess. Rather stormy convalescence for 5 days; on sixth day, pulse, temperature, and respiration rose; distinct area of dulness in right lower back. Failed, and died evening of sixth day. *Anat. diag.:* Pulmonary embolism.

11. Male. 33 years. About 4 hours before entrance seized with moderate abdominal pain in right lower quadrant, gradually became worse during night; on entrance, marked tenderness in right lower quadrant; temperature 100; white count 12,000. *Immediate operation.* Ether. Appendectomy with drainage for acute appendicitis; no free fluid; appendix very adherent. Two days after operation, distention and vomiting; next 2 weeks, symptoms of obstruction, occasionally being relieved; 2 weeks after first operation very much distended; vomited. *Operation.* Ether and novocain. Exploratory laparotomy with lysis of adhesions for post-operative intestinal obstruction; insertion of Mixter tube. Died following day. *Anat. diag.:* Intestinal obstruction; localized peritonitis; empyema, right; abscess of right lower lung; hemorrhagic edema of both lungs.

APPENDECTOMY FOR

Acute appendicitis with peritonitis.

12. Male. 39 years. Two days before entrance seized with severe abdominal pain; next day, pain less severe; vomited first time morning of entrance to hospital; temperature 98.8; white count 10,200. Examination: Whole abdomen held stiffly; right side, very slight spasm, especially in lower quadrant. *Immediate operation.* Ether. Appendectomy with drainage for acute appendicitis with peritonitis. Died day of operation. Clinical cause of death: Peritonitis and shock. No autopsy.

13. Male. 17 years. Came to Emergency Ward. Two days before entrance, severe abdominal pain which gradually increased in severity; next day, vomited; vomited again, day of entrance. Examination: Abdomen tender throughout, especially in right lower quadrant. Temperature 104.6; white count 28,000. *Immediate operation.* Gas, oxygen, and novocain. Appendix gangrenous at middle and ruptured; small amount of pus around appendix; drain to pelvis and stump. Following day temperature 106; spells of hiccoughs; many râles throughout right lung and left base. Died 2 days after operation. Clinical cause of death: Broncho-pneumonia; peritonitis. No autopsy.

14. Male. 66 years. Five days before entrance attack of general abdominal pain; 2 days before entrance unable to work. Examination: Poor physical condition; abdomen tympanitic with spasm and tenderness in right lower quadrant. *Operation,* day of entrance. Ether. Appendectomy for appendix abscess and general peritonitis. Died on table. No autopsy.

15. Female. 54 years. Three days before entrance considerable gastric distress and nausea; kept at work until day of entrance; acute pain in right lower quadrant. Examination: Pain, tenderness, and rigidity in appendix region. *Operation,* day of entrance. Gas and ether. Appendix removed; large abscess in pelvis drained. Did not rally well from operation; gradually failed. Died 9 days after operation. Clinical cause of death: Peritonitis. No autopsy.

16. Male. 61 years. Acute pain in lower abdomen day before entrance; some nausea and vomiting for 4 days; bowels had not moved for 4 days. Examination: Abdomen rigid throughout; marked tenderness in right lower quadrant. *Operation,* day of entrance. Ether. Free pus in abdominal cavity; appendix entirely

necrotic; removed. Condition satisfactory for 2 days after operation; on third day, marked distention and rise of temperature and pulse. Died on fifth day of general peritonitis. *Anat. diag.:* Gangrenous appendicitis; peritonitis.

APPENDICOSTOMY FOR

Colitis.

17. Male. 25 years. Admitted with diagnosis of chronic diarrhea. Proctoscopy showed small nodules along rectal wall which bled easily. *Operation,* 11 days after entrance. Ether. Appendicostomy. Rectum, sigmoid, and whole colon much thickened in appearance; white areas of thickened peritoneum over surface; many small glands. Warm water irrigations through appendicostomy; diarrhea decreased; 17 days after operation physical examination negative, except for emaciation and anemia; 2 days later transfused. Died following day. Clinical cause of death: Ulcerative colitis. No autopsy.

BONE GRAFTING FOR

Pott's disease.

18. Female. 38 years. Entered with diagnosis of caries of fifth lumbar vertebra. *Operation,* 4 days after entrance. Ether. Spinous processes of second, third, fourth and fifth vertebræ split; a beef rib prepared the day before was put in. Four days after operation had chill, with rising temperature; abdomen distended. Following day distension increased; 6 days after operation wound opened and 5 or 6 ounces of bloody serum expressed; 2 days later condition worse. Died 10 days after operation. Death due to septicemia. No autopsy.

CHOLECYSTECTOMY FOR

Cholelithiasis.

19. Female. 39 years. Transferred from medical service with diagnosis of cholecystitis or malignant disease. *Operation.* Ether. Cholecystectomy for cholelithiasis. Following operation pulse became very weak; failed to improve with stimulation. Died following day from shock. No autopsy.

20. Male. 48 years. Entered hospital with diagnosis of gall stones. *Operation,* 6 days after entrance. Ether. Cholecystectomy, with drainage. Gall bladder full of stones; probe could not be passed from gall bladder into common duct; felt as though it might possibly be malignant, probably primary in pancreas which was hard. Following day pain in chest with rise in respirations; dulness at both bases; bronchovesicular breathing; next day signs increased. Died 4 days after operation. Clinical cause of death: Pneumonia. No autopsy.

21. Male. 46 years. Transferred from medical service with diagnosis of acute gall bladder. *Immediate operation.* Ether. Cholecystectomy for cholelithiasis. Four days after operation, temperature 102; white count 25,000; parotid region much swollen; 2 days later swelling increased; tender. *Operation.* Ether. Incision and drainage of parotid abscess. *Operation,* 3 days later. Gas and oxygen. Incision of parotid abscess. Died 3 days later. Clinical cause of death: Parotid abscess; septicemia. No autopsy.

22. Male. 75 years. For some years, chronic bronchitis and gastro-intestinal symptoms; admitted to hospital 1 year before and discharged without treatment; 3 months before, operated on for myxofibroma in supraclavicular space; day before entrance complained of attack of severe pain in right hypochondrium, trans-

mitted to back. Examination: Tenderness and spasm in right upper quadrant. *Operation,* 2 days after entrance. Ether. Cholecystectomy for gangrenous gall bladder. Convalescence uneventful; did well for 3 days, then temperature rose. Died on third day. Clinical cause of death: Myocardial insufficiency; pneumonia. No autopsy.

CHOLECYSTENTEROSTOMY FOR

Carcinoma of head of pancreas.

23. Male. 70 years. Transferred from medical service, with diagnosis of carcinoma of head of pancreas (?). *Operation.* Ether. Gall bladder enormously distended; head of pancreas appeared to be solid carcinoma; cholecystenterostomy, with Murphy button. Two days later had 2 chills; some distention which was immediately relieved by enema; pulse became poor; failed to respond to stimulation and died. Clinical cause of death: Shock. No autopsy.

CHOLECYSTODUODENOSTOMY FOR

Carcinoma of ampulla of Vater.

24. Male. 65 years. Two months before entrance became jaundiced and noticed stools were clay-colored and urine bloody; this persisted. Examination: Smooth, rounded, freely movable mass in region of gall bladder. *Operation,* 4 days after entrance. Ether. Cholecystoduodenostomy. Hard mass felt in region of head of pancreas; gall bladder enormously dilated; contained no stones. Did well for 3 days, then became worse. Died 4 days after operation. *Anat. diag.:* Carcinoma of common bile duct with metastasis; extensive peritoneal hemorrhage and hemorrhage into gall bladder.

CHOLECYSTOSTOMY FOR

Cholelithiasis.

25. Female. 50 years. Diarrhea for 2 years; 1 year previously became jaundiced; clay-colored stools; jaundice gradually became deeper; some loss of weight. Examination: Jaundiced woman; liver 2½ c.m. below costal margin; spleen and kidneys both palpable. X-ray unsatisfactory; suggested common duct stone. *Operation,* day of transfer. Ether. Gall bladder surrounded by adhesions, contained many gall stones; no stones felt in duct; head of pancreas thick. Failed quite rapidly after operation, and died on third day. *Anat. diag.:* General peritonitis; hemorrhage into colon and peritoneal cavity; hemorrhagic edema of lungs.

COLOSTOMY FOR

Carcinoma of intestine.

26. Male. 61 years. Ten months before entrance sudden attack of abdominal pain with vomiting, relieved by medicine in about 3 hours; 3 weeks later similar attack; since then, attacks once in 2 or 3 weeks; constipated for 6 months; pain constant with exacerbations. Examination: X-ray showed obstruction about junction of descending colon and sigmoid. *Operation,* 5 days after entrance. Ether. Cecostomy. Following operation, considerable distention; gradually failed. Died 10 days after operation. *Anat. diag.:* Carcinoma of splenic flexure; intestinal obstruction; general peritonitis; bronchopneumonia.

COLOSTOMY FOR

Carcinoma of rectum.

27. Female. 58 years. Entered with diagnosis of carcinoma of rectum. *Operation,* 3 days after entrance. Ether. Combined ab-

dominal and sacral amputation of rectum; end of sigmoid brought out through anus. Two weeks after operation abdominal wound entirely healed; sacral wound very septic with much sloughing of bowel. *Operation,* 19 days after first. Gas and oxygen. Colostomy. Ten days after operation did fairly well, wound cleaning up somewhat; following day became very much worse and died. Death due to septicemia. No autopsy.

28. Male. 67 years. Came in with diagnosis of carcinoma of rectum. *Operation,* following day. Novocain. Colostomy; sigmoid brought up and sutured; large mass felt in pelvis; no further exploration. Following day became very uncomfortable and distended; colostomy opened and irrigated. Died 2 days later. *Anat. diag.:* Carcinoma of rectum; lobar and focal pneumonia; suppurative nephritis; arteriosclerosis; septicemia; bacillus mucosus capsulatus.

29. Male. 64 years. Transferred from medical service with diagnosis of cancer of rectum. *Operation.* Spinal novocain. Colostomy; loop of sigmoid drawn out through middle of left rectus and sutured to external oblique fascia. Two days later very much distended; following day much worse and died. *Anat. diag.:* Adenocarcinoma of rectum with obstruction and extension into wall of urinary bladder; metastases in liver; dilatation of intestines with area of rupture of peritoneal coat of cecum; acute general peritonitis; streptococcus septicemia.

30. Male. 56 years. Entered hospital with diagnosis of carcinoma of rectum. *Operation,* 6 days after entrance. Ether. First stage Kraske operation; permanent colostomy; dissection of pelvis. Two days later abdomen distended, pulse very rapid, constant vomiting and patient died. Death due to peritonitis. No autopsy.

COLOSTOMY FOR

Mesenteric thrombosis.

31. Male. 36 years. Entered Emergency Ward with diagnosis of acute abdominal obstruction. *Immediate operation.* Ether. Whole abdomen filled with blood; large intestine and descending colon black and gangrenous; Mixter tube inserted in transverse colon; part of colon brought out and left outside of abdomen. Patient in very poor condition after operation and died in 5 or 6 hours. Death due to mesenteric thrombosis; acute intestinal obstruction. No autopsy.

CRANIOTOMY, EXPLORATORY, FOR

Glioma of brain.

32. Male. 20 years. Persistent headache for 5 years, accompanied by dizziness and disturbance of vision in left eye; 6 months previously partial removal of pituitary tumor, at another hospital. *Operation,* day after entrance. Ether. Osteoplastic flap turned down from right frontal bone; left ventricle tapped; flap turned back with idea of removing tumor at later date. Failed, and died 2 days later. Clinical cause of death: Brain tumor. No autopsy.

CRANIOTOMY, EXPLORATORY, FOR

Gunshot wound of head.

33. Male. 45 years. Attempted suicide 6 hours before entrance, with 32-caliber revolver. Examination showed wound of entrance at root of nose, between eye-brows. X-ray showed 32-caliber bullet in region of sella tursica. Semi-conscious on entrance; no paralysis. *Operation.* Ether. Wound clean; fragments of bone, lead and wad removed; bullet passed through frontal sinus. Condition satisfac-

tory for 4 days following operation, then developed meningitis. Died about 12 hours later. Clinical cause of death: Cerebrospinal meningitis. No autopsy.

CRANIOTOMY AND DECOMPRESSION FOR

Fracture of skull.

34. Male. 47 years. Entered Emergency Ward with diagnosis, fracture of skull; fracture of ulna; concussion; multiple contusions. *Immediate operation.* Ether. Two large fragments of right parietal and temporal bone removed; some extradural clot; dura opened, some clot beneath it; large subtemporal decompression. Two days after operation conscious; talked a little; following day vomited several times; became very weak and died. Death due to fracture of skull; concussion. No autopsy.

35. Male. 49 years. Five hours previous to entrance fell off street car, striking head on pavement; unconscious on entrance. *Operation,* day of entrance. Ether. Subtemporal decompression for fractured skull. Died shortly after operation. No autopsy.

36. Male. 3 years. One hour before entrance fell off fence, striking on head; not unconscious. Examination: Marked depression of skull in right parietal region. *Operation,* day after entrance. temperature 109. Died following morning. Clinical cause of death: Ether. Elevation of depressed fracture of skull. Following this, Fracture of skull; heat stroke. (Weather extremely hot.) No autopsy.

37. Female. 19 months. Fell 10 feet, striking head on concrete sidewalk, few hours before entrance. Examination: Semicomatose condition; vomited; left temporal region, hematoma. X-ray showed fracture of skull. *Operation,* day of entrance. Ether. Brain tissue oozing through crack in skull; fragments removed. Died shortly after operation. No autopsy.

38. Male. 1 year. One hour before entrance fell out of chair, striking on head. Examination: Poor general condition with clonic convulsions; stertorous rapid breathing; lacerated wound on right temporal region, through which brain tissue extruded. *Operation,* day of entrance. Ether. Wound explored; right parietal decompression. Following operation condition improved for a few hours, after which rapidly failed and died. Clinical cause of death: Fracture base of skull. No autopsy.

CRANIOTOMY AND DECOMPRESSION FOR

Glioma of brain.

39. Male. 38 years. Headache, dizziness and loss of vision for 3 months, increased in severity; occasional vomiting; marked loss of weight; some motor disturbances of both legs and arms. After admission to hospital was in stuporous condition. Examination: Evidence of brain tumor which could not be localized. *Operation,* 11 days after entrance. No anesthetic. Lateral decompression. Did not regain consciousness. Died same day. Clinical cause of death: Brain tumor. No autopsy.

CRANIOTOMY AND DECOMPRESSION FOR

Tumor of brain.

40. Female. 23 years. Transferred from medical service. Diagnosis: Brain tumor; pregnancy. *Operation.* Ether. Right subtemporal decompression for brain tumor; on opening dura, brain bulged strongly; no tumor seen; exploration not satisfactory. Eleven days

after operation, pulse and temperature up; patient became unconscious. Died following day. Clinical cause of death: Brain tumor. No autopsy.

41. Male. 53 years. Symptoms for 10 months; gradual loss of sight in right eye; dizziness; no vomiting or convulsions; some loss of weight; considerable headache. Examination pointed to cerebral tumor, which could not be localized. *Operation,* day of transfer. Ether. Left subtemporal decompression; tumor under tension; unsuccessful attempt to tap lateral ventricle. Following operation, improved for 9 days; on tenth day became unconscious; stertorous breathing. *Operation,* following day. Local anesthesia. Subtemporal decompression on other side. No improvement after second operation. Died same day. *Anat. diag.:* Subdural hemorrhage over right temporal lobe; smaller area of hemorrhage over left temporal lobe.

CRANIOTOMY AND DECOMPRESSION WITH VENTRICULAR PUNCTURE FOR

Organized blood clot on brain.

42. Male. 28 years. Ten days previous to entrance in automobile accident; unconscious for 4 days. On entrance, comatose; blood pressure 135; fundi showed choked discs. Examination unsatisfactory on account of condition; symptoms pointed to cerebral pressure. *Operation,* day of entrance. Ether. Osteoplastic flap turned back; brain under tension; decompression; lateral ventricles tapped. Did not regain consciousness. Died on third day following operation. Clinical cause of death: Cerebral pressure; fracture of skull. No autopsy.

CRANIOTOMY WITH EXCISION OF

Glioma of brain.

43. Male. 43 years. For 3 years attacks of severe headache; considerable difficulty in walking; gait staggering; some ringing in ears; several attacks of unconsciousness. Examination: Evidence of brain tumor, probably in cerebellar region; cerebellar pressure shown by examination of fundus. *Operation,* 20 days after entrance. Gas and ether. Removal of glioma of right frontal lobe. Bore operation well; no change in general condition; 5 days later became unconscious and slowly failed. Died 20 days after operation. *Anat. diag.:* Glioma of frontal lobe; streptococcus meningitis and septicemia.

CURETTAGE OF JAW FOR

Necrosis.

44. Male. 55 years. Six months previous to admission right side of face became swollen and tender; swelling increased; could hardly open jaws at time of entrance. Examination: Marked pyorrhea; upper and lower jaws swollen and tender. X-ray showed necrosis of lower jaw, right; several pus pockets at base of teeth. *Operation,* 1 week after entrance. Ether. Perforation found through hard palate into nose; upper third molar extracted, and pus pocket at base mildly curetted. Stopped breathing during operation; tracheotomy; after this, respirations kept up; death occurred in few minutes. Clinical cause of death: Necrosis of jaw. (Anesthetic death.) No autopsy.

CYSTOSTOMY, SUPRAPUBIC, FOR

Adenoma of prostate.

45. Male. 69 years. Entered Emergency Ward with diagnosis of obstructing prostate. Put on constant drainage for 16 days;

catheter removed; patient up and about. *Operation,* 22 days after entrance. Novocain. Suprapubic cystostomy. Ten days later wound somewhat infected; gauze wick removed; 2 weeks later had chill, complained of sore throat; râles in right back; 1 week later râles over left back; no signs of consolidation; gradually became worse and died. Death due to broncho-pneumonia and septicemia. No autopsy.

CYSTOSTOMY, SUPRAPUBIC, FOR

Diverticulum of bladder.

46. Male. 49 years. Attack of hematuria 5 years previously; frequency about every half hour; suprapubic and perineal incisions for "inflammation of bladder"; in a hospital 13 weeks; suprapubic incision healed after 1 year and perineal after 1½ years; second attack of hematuria and frequency 2 years previously; operated on 1 year later; suprapubic and right upper quadrant incisions; suprapubic incision open, discharging considerable pus. Examination: Tenderness about kidney incision; cystoscopic examination showed diverticulum of bladder in upper left hand side. *Operation.* Ether. Suprapubic cystostomy; laparotomy; ureterotomy; incision and dilatation of orifice of diverticulum. Died 2 days after operation. *Anat. diag.:* Chronic urethritis; hypertrophy of bladder with diverticulum; purulent cystitis; hydronephrosis; arteriosclerotic degeneration of right kidney; peritonitis; chronic endocarditis; slight acute endocarditis; hypertrophy and dilatation of heart; streptococcus septicemia.

CYSTOSTOMY, SUPRAPUBIC, WITH CAUTERIZATION OF

Carcinoma of bladder.

47. Male. 68 years. Entered hospital with diagnosis of carcinoma of bladder. *Operation,* 4 days after entrance. Ether. Suprabubic cystostomy. Bladder was full of foul smelling urine; growth was on left side of bladder; impossible to remove, so it was cauterized. Died 5 days after operation from uremia. No autopsy.

CYSTOSTOMY, SUPRAPUBIC, WITH TRANSPERITONEAL RESECTION AND EXCISION OF

Carcinoma of bladder.

48. Male. 61 years. Entered with diagnosis of carcinoma of bladder. *Operation,* day after entrance. Gas, oxygen and ether. Suprapubic cystostomy. Large cancerous mass just above left ureter; transperitoneal resection. Two days after operation began to hiccough; vomited; pulse went up to 120; following day pulse 160, abdomen distended; next 2 or 3 days pulse 160 to 180; distension remained about the same; no gas. Died 8 days after operation. Pathological report: Carcinoma of bladder. Clinical cause of death: Peritonitis. No autopsy.

CYSTOTMOY, SUPRAPUBIC, FOR

Rupture of bladder.

49. Male. 15 years. Squeezed between 2 freight cars short time before entrance. Examination: Abdomen somewhat tense and diffusely tender; evidence of fractured pelvis; urine voided, contained blood. X-ray showed multiple fractures of pelvis. Seen by several men in consultation who advised against operation at that time. *Operation,* 2 days after entrance. Ether. Suprapubic cystotomy for rupture of bladder. Failed and died 4 days after operation. Clinical cause of death: Ruptured bladder; fractured pelvis; general peritonitis. No autopsy.

CYSTOTOMY, SUPRAPUBIC, WITH CAUTERIZATION OF

Carcinoma of bladder.

50. Male. 62 years. For 6 months intermittent hematuria; pain around bladder and penis. X-ray showed density of shadow in bladder region; diagnosis of tumor of bladder made. *Operation,* 5 days after entrance. Ether. Cystotomy with cauterization of carcinoma of bladder. Three days later patient had considerable distention, temporarily relieved by enemata; continued to be distended; steadily grew weaker. Died 11 days after operation. *Anat. diag.:* Carcinoma of bladder; pyelonephritis of left kidney; dilatation of ureter; purulent ureteritis; hydronephrosis of right kidney with dilatation of ureter; focal pneumonia of right lung; emphysema of lungs; edema of lungs.

EXCISION OF

Carcinoma of stomach.

51. Male. 32 years. Came in with diagnosis of gastric ulcer; X-ray showed probable ulcer of lesser curvature. *Operation,* 4 days after entrance. Ether. Ulcer excised from lesser curvature. A week after operation slight cough, raising thick purulent sputum; temperature to 104 and 105; white count 26,000; broncho-pneumonia of left base. Died 12 days after operation. Pathological report: Carcinoma of stomach. Clinical cause of death: broncho-pneumonia. No autopsy.

EXCISION OF RECTUM FOR

Carcinoma.

52. Male. 49 years. Entered hospital with diagnosis of carcinoma of rectum. *Operation,* 3 days after entrance. Ether. Sigmoid divided just above promontory of sacrum, distal end invaginated, proximal end brought out for colostomy. *Second operation,* 17 days after first. Spinal novocain. Coccyx removed; amputation of rectum. Rectum was very firmly adherent and there was an abscess cavity about inverted end. Two days after operation had chill; 2 weeks after operation temperature high and wound septic; pulse weak and rapid. Died 2 weeks after second operation. Pathological report: Malignant adenoma. Clinical cause of death: Septicemia. No autopsy.

EXCISION OF RECTUM FOR

Carcinoma.

53. Female. 67 years. Entered with diagnosis of external hemorrhoids and question of malignancy of rectum. *Operation,* 5 days after entrance. Ether. Colostomy for carcinoma of rectum. *Second operation,* 13 days after first. Ether. Perineal amputation of rectum; posterior vaginal wall removed with growth. Did well for 10 days, then began to have persistent vomiting; small amount of urine; gradually grew weaker; became distended and died 13 days after second operation. Pathological report: Epidermoid carcinoma. Clinical cause of death: Nephritis(?). No autopsy.

EXCISION, WITH DISSECTION OF NECK, OF

Epidermoid carcinoma of lip.

54. Male. 64 years. Two years before entrance burned lip with acid while at work; 2 months before entrance growth appeared at site of burn, increased rapidly in size. Examination: Ulcerated area, right side, lower lip; enlarged gland in submaxillary space. *Operation,* 4 days after entrance. Ether. Excision of carcinoma of lip with dissection of neck. Condition remained good for 9 days;

up and about ward; on tenth day developed erysipelas; ran favorable course until fourteenth day, then developed auricular fibrillation and dilatation of heart. Died 15 days after operation. Clinical cause of death: Cardiac failure; erysipelas. No autopsy.

55. Male. 56 years. Entered hospital for epithelioma of lower lip. *Operation,* following day. Ether. Excision of epithelioma and dissection of neck. Following evening, temperature 105; next day, considerable cough with broncho-pneumonia at right base; 9 days after operation chest tapped and purulent fluid obtained. *Operation.* Novocain. Resection of rib and drainage for empyema. Gradually became worse following operation. Died 4 days later. *Anat. diag.:* Right lobar pneumonia, upper lobe; left broncho-pneumonia, lower lobe; right empyema; sero-fibrinous pericarditis; streptococcus septicemia.

EXENTERATION OF ETHMOID AND SPHENOID CELLS AND TURBINECTOMY FOR

Ethmoiditis and sphenoiditis.

56. Male. 24 years. Entered with diagnosis of ethmoiditis and sphenoiditis. *Operation,* day of entrance. Ether. Exenteration of posterior ethmoid cells; front wall of sphenoid broken down; turbinectomy. Two days later complained of frontal headache and pain in back; in a few hours very severe frontal and occipital pain; condition rapidly grew worse and patient died. *Anat. diag.:* Glioma of right occipital lobe; hemorrhagic edema of lungs; streptococcus septicemia.

EXPLORATION FOR

Aneurism of femoral artery.

57. Male. 65 years. One week ago complained of pain in right leg, with swelling and edema; pain and edema continued and increased in severity. On examination there was a mass over saphenous vein and some induration in upper part of thigh; 2 days later induration increased and extended from saphenous opening half-way to knee; general condition poor. *Operation,* 4 days after admission. Cocain. Incision made over mass and dissecting aneurism found; patient stopped breathing and died on a table a few minutes after anesthesia was started. Death evidently had no relation to the operation. Clinical cause of death: Dissecting aneurism of femoral artery and cardiac failure. No autopsy.

GASTRECTOMY, PARTIAL, AND GASTRO-ENTEROSTOMY FOR

Carcinoma of stomach.

58. Male. 60 years. Epigastric pain, worse after eating; eructations for 6 months; some vomiting of food eaten day before; considerable loss of weight; material like coffee-grounds vomited before entrance. Examination: Evidence of carcinoma of stomach. *Operation,* 3 days after entrance. Ether. Large carcinoma of pyloric end of stomach with glands in mesentery; partial gastrectomy and gastro-enterostomy. Following operation, temperature rose to 102; pulse became rapid and irregular; evidence of auricular fibrillation; 3 days later, marked bronchitis; remained in that condition for 11 days; sudden attack of dyspnea and died. *Anat. diag.:* Streptococcus septicemia; hemorrhagic abscess into tissues near pyloric end of stomach; hemorrhage into stomach and intestines.

GASTRECTOMY, PARTIAL, AND GASTRO-ENTEROSTOMY FOR

Gastric ulcer.

59. Male. 36 years. Came in with diagnosis of gastric ulcer. *Operation,* 9 days after entrance. Ether. Penetrating ulcer of lesser

curvature of stomach. Pylorectomy; anterior gastro-enterostomy. Following day, profound shock; failed to rally with stimulation and died. Clinical cause of death: Post-operative shock. No autopsy.

GASTRO–ENTEROSTOMIES FOR

Duodenal ulcer.

60. Male. 64 years. Came in for epigastric distress, with nausea and vomiting. *Operation,* 6 days after admission. Posterior gastro-enterostomy; small indurated ulcer close to pylorus on anterior wall of duodenum. For a week following operation convalescence uneventful; 2 days later vomited large amounts of greenish fluid several times; diarrhea; for next 4 days continued to vomit large amounts of greenish fluid. *Second operation,* 13 days after first. Ether. Anterior gastro-enterostomy. Three days later began to vomit small amounts of greenish fluid; continued to vomit occasionally for next 9 days. *Third operation,* 10 days after second. Ether. Anterior gastro-enterostomy for jejunal obstruction. First 6 days after operation did fairly well, retaining small amounts of fluid; following day began to vomit again. *Fourth operation,* 8 days after third. Ether. Jejunostomy. Diffuse peritonitis of low grade present throughout upper abdomen. Vomited off and on during next 5 or 6 days; gradually became weaker and died 11 days later. *Anat. diag.:* Chronic ulcer of duodenum; chronic peritonitis; localized fibrinopurulent peritonitis; fibrinopurulent pleuritis, left; streptococcus septicemia; purulent adenitis of mediastinal glands.

GASTRO–ENTEROSTOMY FOR

Carcinoma of stomach.

61. Male. 52 years. Six months before entrance attack of vomiting lasting some time; 4 weeks before entrance consulted Out-Patient Department, where diagnosis of gastric carcinoma was made on X-ray appearance and examination of stomach contents. *Operation,* 5 days after entrance. Ether. Large mass occupying pyloric end of stomach, impossible to remove; anterior gastro-enterostomy. Following operation, considerable vomiting; pulse slowly rose; failed. Died 9 days after operation. *Anat. diag.:* Carcinoma of stomach with metastasis; broncho-pneumonia; streptococcus septicemia.

62. Male. 52 years. Entered Emergency Ward with diagnosis of carcinoma of stomach, or ulcer of stomach. Four months previous to operation began to vomit after eating; no blood; continued to vomit everything eaten; increasing pain, which was knife-like; never radiated. *Operation,* 6 days after entrance. Ether. Diagnosis, carcinoma of stomach involving pyloric end. Large and hard glands in mesentery; anterior gastro-enterostomy. Patient in poor condition after operation; following day began to vomit; temperature and pulse rose; in evening became cyanotic and died. Clinical cause of death: Shock. No autopsy.

GASTRO–ENTEROSTOMY FOR

Duodenal ulcer.

63. Male. 60 years. Long history of infections of respiratory tract; for 20 years attacks of pain in epigastrium 2 or 3 times yearly, relieved by food; last 6 weeks increased in frequency, vomited practically all food taken; marked loss of weight. Examination: Evidence pointed to pathological process involving pylorus, probably carcinoma; marked cardiac weakness. *Operation,* day of transfer from medical service. Novocain. Distinct mass felt in posterior wall of stomach, which was dilated; posterior gastro-enterostomy. Did well for 10 days, then began to fail. Died 14 days after operation. *Anat. diag.:* Streptococcus peritonitis; abscess, right lung; hemorrhage, left lung.

GASTRO–ENTEROSTOMY FOR

Gastric ulcer.

64. Male. 34 years. Indigestion with characteristic symptoms of duodenal ulcer for 4 years. X-ray showed pathological process involving first portion of duodenum. *Operation,* 7 days after entrance. Ether. Posterior gastro-enterostomy for gastric ulcer and question of malignant disease. Progressed satisfactorily for 6 days when temperature rose; gradually failed. Died on eighth day. *Anat. diag.:* Chronic perforation of gastric ulcer; subdiaphragmatic abscess; general peritonitis; pneumonia.

GASTRO–ENTEROSTOMY WITH INFOLDING OF

Duodenal ulcer.

65. Male. 44 years. Eructations 6 weeks before entrance, epigastric pain coming on 2 or 3 hours after meals; relieved by soda bicarbonate. X-ray 1 year before entrance showed evidence of duodenal ulcer. Examination at entrance also showed evidences of duodenal ulcer. *Operation,* 4 days after entrance. Ether. Duodenal ulcer infolded; posterior gastro-enterostomy without complications. Did well for 12 days; on night of thirteenth day sudden attack of abdominal pain. Died in few minutes. Probable cause of death: Acute cardiac dilatation; possibility of pulmonary embolism. No autopsy.

66. Male. 55 years. Attacks of epigastric pain for past 2 years; some vomiting at times; considerable belching of gas. X-ray examination showed evidence of ulcer in first portion of duodenum. *Operation,* day of transfer. Ether. Posterior gastro-enterostomy, with infolding of ulcer of duodenum. Did well following operation for 4 days; at end of this time abdomen became distended; considerable tenderness in both flanks. Failed rapidly and died on sixth day. Clinical cause of death: Duodenal ulcer; acute peritonitis. No autopsy.

GASTRO–ENTEROSTOMY WITH INFOLDING OF

Gastric ulcer.

67. Male. 45 years. Came into Emergency Ward with diagnosis of bleeding gastric ulcer. Passed blood by rectum and vomited blood several days before entrance; kept quiet for 15 days. *Operation.* Ether. Infolding of pyloric ulcer with posterior gastro-enterostomy. Did well for 10 days; stitches removed; wound healed. Eighteen days after operation vomited about 6 ounces of clotted blood; temperature, following day, 105; complained of sore throat; no more evidence of bleeding. Died 3 days later, 22 days after operation. *Anat. diag.:* Hemorrhagic infiltration of mucosa of stomach; healed ulcer(?) of duodenum; hemorrhage of gastro-intestinal tract; small hemorrhagic areas of pleura, spleen, and endocardium; hemorrhagic edema of right lung; streptococcus septicemia.

68. Male. 48 years. For 20 years attacks of epigastric pain coming on 2 or 3 hours after eating; constipated. Examination: Evidence of duodenal ulcer. *Operation,* 5 days after entrance. Ether. Plication of gastric ulcer, posterior gastro-enterostomy. Day following operation evidence of pneumonia. Failed, and died on fifth day. No autopsy.

GASTRO–ENTEROSTOMY WITH INFOLDING AND SUTURING OF

Bleeding duodenal ulcer.

69. Male. 35 years. Transferred from medical service with diagnosis of bleeding gastric ulcer. *Immediate operation.* Ether. Duodenum opened; ulcer sutured. Anterior gastro-enterostomy.

Operation preceded by transfusion. Patient in very poor condition after operation. Following day condition became worse, and patient died from hemorrhage and shock. No autopsy.

HEMITHYROIDECTOMY FOR

Exophthalmic goitre.

70. Female. 23 years. Nervous since small child; progressively worse last 6 months; tachycardia, palpitation, and exophthalmos for 6 years; treated for some time for hyperthyroidism in Out-Patient Department, and on medical service before being transferred for operation. *Operation,* day after transfer. Gas and oxygen. Hemithyroidectomy. Day after operation sudden pain in chest with dyspnea; evidences of dilatation of heart; following this failed rapidly and died in few hours. *Anat. diag.:* Lobar pneumonia; dilatation of heart.

71. Female. 57 years. Eight months before entrance, palpitation; this continued, accompanied by loss of weight and exophthalmos; under medical treatment for some time. Examination: Typical case of hyperthyroidism with some enlargement of gland. *Operation,* 2 days after transfer. Gas and oxygen. Right hemithyroidectomy and partial thyroidectomy of left lobe. Poor condition at end of operation. Died 6 hours later. Clinical cause of death: Exophthalmic goitre; hyperthyroidism. No autopsy.

72. Female. 26 years. Nine months before entrance noticed nervousness; profuse sweating and tachycardia; 3 months later, exophthalmos. Examination: Typical case of hyperthyroidism in marked degree. *Operation,* 10 days after entrance. Ether. Hemithyroidectomy. Failed rapidly and died in 24 hours with symptoms of acute toxic poisoning. No autopsy.

HYSTERECTOMY FOR

Carcinoma of cervix.

73. Female. 31 years. Menses irregular for 6 months before entrance; very profuse. Examination: Typical beginning carcinoma of cervix. *Operation,* 6 days after entrance. Ether. Cauterization of cervix for carcinoma. Twelve days later, complete abdominal hysterectomy. Following second operation, marked rise in pulse and temperature; gradually failed. Died 8 days after operation. *Anat. diag.:* General peritonitis; carcinoma of cervix; acute nephritis.

HYSTERECTOMY FOR

Chorio-epithelioma.

74. Female. 52 years. Menopause 2 years previously; since then, considerable foul discharge from vagina; became progressively worse. Examination: Irregular tumor filling cul-de-sac, connected with fundus of uterus. *Operation,* 10 days after entrance. Ether. Hysterectomy for chorio-epithelioma of uterus. Very poor condition at end of operation, owing partly to large amount of blood lost. Failed rapidly and died without regaining consciousness. Clinical cause of death: Hemorrhage and shock. No autopsy.

HYSTERECTOMY FOR

Hyperplastic endometritis.

75. Female. 42 years. Entered with diagnosis of metrorrhagia and question of malignancy. *Operation,* 6 days after entrance. Ether. Vaginal hysterectomy and excision of Bartholin's gland; much bleeding. Did not rally from operation; died in afternoon. Death due to shock. Pathological report: Chronic metritis; endometritis, with erosions. No autopsy.

HYSTERECTOMY AND SALPINGO-OÖPHORECTOMY FOR

Fibromyoma.

76. Female. 65 years. Entered with diagnosis of fibromyoma of uterus. *Operation,* 3 days after entrance. Ether. Supravaginal hysterectomy and double salpingo-oöphorectomy for calcified fibromyoma. Evening of operation, temperature 105; suddenly failed and died next morning. *Anat. diag.:* Arteriosclerosis, hypertrophy and dilatation of heart; digestion of wall of esophagus; streptococcus septicemia.

INCISION AND DRAINAGE FOR

Acute mastoiditis.

77. Male. 10 years. Headache 2½ weeks before entrance; vomited; 5 days before entrance, discharging ear; sent from Eye and Ear Infirmary with diagnosis, tubercular meningitis; transfer from medical service with diagnosis, chronic suppurative otitis media and mastoiditis. *Operation,* day of entrance. Ether. Incision and drainage of abscess of mastoid. Did not do well following operation; 3 days after operation lumbar puncture gave 15 c.c. cloudy fluid; 8 days after operation pulse and respiration went up and patient died. Clinical cause of death: Meningitis; mastoiditis; otitis media. No autopsy.

INCISION AND DRAINAGE FOR

Gangrenous cellulitis of thigh.

78. Male. 65 years. Brought to hospital with story of being confined to bed for 3 weeks; bed-sore over right buttock; for few days, fever, considerable redness, and swelling about sore. Examination: Large area over right buttock with foul characteristic odor and discharge; redness extended up back and down thigh; distinct subcutaneous crepitus about thigh. Soon after entrance became cyanotic, due to cardiac insufficiency. *Operation,* day after entrance. No anesthesia. Incision and drainage of gangrenous cellulitis of buttock. Failed, and died 1 hour later. No autopsy.

INCISION AND DRAINAGE OF

Abscess of thyroid gland.

79. Male. 71 years. Ten days before entrance soreness in left side of neck. Examination: Swelling of neck in region of right lobe of thyroid, which was tender, red, and hot. *Operation,* day of entrance. Ether. Incision and drainage of abscess of thyroid. Convalescence uneventful for 7 days, when temperature suddenly rose. Died 11 days after operation. Clinical cause of death: Streptococcus septicemia. No autopsy.

INCISION AND DRAINAGE OF

Carbuncle of back.

80. Male. 80 years. Six weeks before entrance had painful pimple on back, broke 2 weeks later; continued to discharge. *Operation,* day of entrance. Gas and oxygen. Crucial incision; packed with boric gauze. Ran normal temperature for 9 days; on 10th day, temperature went up to 101; redness and induration about wound spread; erysipelas. Eighteen days after operation erysipelas spread to chest and back; 4 days later marked edema of right arm; general condition worse; coughed a great deal; enlarged lymph node under right jaw. Twenty-three days after operation frequent urine in small amounts, containing pus and blood; catheterized. Died shortly

after. *Anat. diag.:* Operation wound for carbuncle; right lobar pneumonia; right serofibrinous pleurisy; arteriosclerosis; chronic adhesive pericarditis; chronic interstitial myocarditis; edema of left lung; streptococcus septicemia; arteriosclerotic degeneration of kidneys; acute glomerulonephritis; cysts of kidney.

INCISION, CURETTAGE AND DRAINAGE FOR

Mastoiditis, acute, with septic meningitis.

81. Male. 12 years. Condition poor for several months: 11 days before entrance, feverish and dizzy; 5 days before complained of pain in left ear, followed by some stiffness in neck; dizziness and headache; delirious for 1 day. Examination: Redness of left ear drum; white count 28,000; temperature 103; spinal puncture showed nearly pure pus. *Operation,* day of entrance. Ether. Incision and drainage for acute mastoiditis; drainage of subdural abscess. Died 18 hours later. Clinical cause of death: Meningitis; acute mastoiditis. No autopsy.

INTERPOSITION OF UTERUS AND BLADDER FOR

Cystocele and rectocele.

82. Female. 56 years. Entered with diagnosis of lacerated perineum, cystocele and rectocele. *Operation,* following day. Ether. Watkins-Wertheim interposition; perineorrhaphy. Three days after operation suddenly became white; very severe pain; pulse and respirations shot up; this gradually quieted down; complained only of dizziness. Three days later suddenly gasped and expired. Death due to pulmonary embolism (?). No autopsy.

IRRIGATION AND DRAINAGE OF

Lacerated wounds of leg.

83. Male. 50 years. Shortly before entrance, injured on elevator. Examination: Large lacerated wound 9 inches long on right leg; left leg, popliteal space, lacerated wound 4 inches long. *Immediate operation.* Ether. Irrigation of wound; Carrel tubes. Two days after operation condition distinctly worse; right thigh opened further on account of sepsis; no evidence of gas bacillus infection found other than suggestive odor. Following day, patient died. Clinical cause of death: Sepsis; (?)gas bacillus infection. No autopsy.

LAPAROTOMY WITH DRAINAGE FOR

Retroperitoneal abscess with peritonitis.

84. Female. 40 years. Three months before entrance, delivered of child; sick continually after that; fever with profuse vaginal discharge; shortly after baby was born, considerable swelling, pain, and tenderness in legs; for 6 weeks pain and tenderness in left thigh. *Operation,* 3 days after entrance. Ether. Laparotomy with drainage of peritonitis; numerous small abscesses among intestines; 1 large retroperitoneal abscess opened and drained. Four days after operation did not do particularly well; bed-sore in region of sacrum; temperature and pulse up. Died 10 days after operation. Clinical cause of death: Peritonitis. No autopsy.

LAPAROTOMY, EXPLORATORY, FOR

Abdominal hemorrhage.

85. Male. 32 years. Entered with diagnosis of aortic and mitral insufficiency and mitral stenosis; hemoperitoneum. Abdomen aspirated; bloody fluid obtained; also both legs subcutaneously, from

which much clear fluid came; puncture hole in scrotum drained quarts. *Operation.* Novocain. Extensive abdominal adhesions; large amount of blood clots between coils of small intestines; source of blood not found. Two days after operation, chest, back and arms were very edematous, breathing more labored; 1 week later, apex beat was in nipple line; edema of left leg, arm and side increased; râles in both lungs; dyspnea and edema progressively increased. Died 25 days after operation. Clinical cause of death: Aortic and mitral insufficiency and mitral stenosis; chronic passive congestion of abdominal organs and subcutaneous tissues; hemoperitoneum. No autopsy.

LAPAROTOMY, EXPLORATORY, FOR

Carcinoma of bladder.

86. Female. 30 years. Entered hospital with diagnosis of some renal condition. Examination of bladder showed a calcified mass which prevented cystoscope entering. *Operation,* 3 days after entrance. Ether. Operation showed whole bladder filled with mass size of grape fruit, infiltrating peritoneum and pelvis; inoperable; wound closed without further operation. Three days later condition very poor, with frequent burning urination; 2 days later temperature subnormal and pulse very rapid. Died following day. Death due to shock. No autopsy.

LAPAROTOMY, EXPLORATORY, FOR

Carcinoma of stomach.

87. Female. 41 years. For 16 years, stomach upsets; attacks directly after eating; referred to epigastrium; some constipation and gas; vomited at time of last attack. Examination and X-ray showed evidence of carcinoma of stomach. *Operation,* day of transfer from medical service. Ether. Exploratory laparotomy. Inoperable diffuse carcinoma. Following operation temperature rose to 103, pulse to 120. Failed, and died of pneumonia 4 days after operation. No autopsy.

LAPAROTOMY, EXPLORATORY, FOR

General peritonitis.

88. Female. 54 years. Acute attack of pain in right lower quadrant with vomiting 2 days before admission. Examination: Abdomen distended, tympanitic, marked muscle spasm throughout; tenderness more localized on right side. *Operation,* day of entrance. Ether. Abdominal cavity filled with thin yellow pus; large abscess into pelvis and also into splenic region; no cause for peritonitis found. Failed rapidly and died 6 hours after operation. Clinical cause of death: General peritonitis. No autopsy.

89. Female. 33 years. Peritonsillar abscess opened and drained 1 week before admission. Following this complained of nausea and vomiting, with increased abdominal pain, not localized. Examination: Abdomen distended, tender throughout; considerable muscle spasm. *Operation,* day of transfer. Ether. Abdominal cavity filled with clear purulent fluid; intestines inflamed and covered with fibrinous exudate. Following operation, failed and died in about 12 hours. Clinical cause of death: Streptococcus septicemia; general peritonitis. No autopsy.

LAPAROTOMY, EXPLORATORY, FOR

Gunshot wound of abdomen.

90. Female. 27 years. Came to Emergency Ward for treatment, having been shot in abdomen 20 minutes before admission. *Imme-*

diate operation. Ether. Large amount of blood and gas in left flank and in-and-out wound of stomach, near spleen; wound of stomach closed up. For 4 days, did very well; 5 days after operation, vomited; bloody, acid smelling liquid oozed from wound; 9 days after operation, wound became septic; following day, condition much worse, considerably distended; 1 week later, condition improved, distention of abdomen decreased; 25 days after operation became very uncomfortable, abdomen more distended. Died following day. Clinical cause of death: Peritonitis. No autopsy.

LAPAROTOMY, EXPLORATORY, FOR

Hemorrhagic cavity in liver.

91. Female. 39 years. Transferred from medical service for exploratory laparotomy. Diagnosis, malignant liver? *Operation.* Ether. On convex anterior aspect of right lobe of liver there was an area of softening about 4 inches in diameter, giving a cystic feel; on aspirating, blood only obtained; finger entered very soft cavity, without definite limits; very free hemorrhage; appearance did not suggest any metastases of new growth in liver. Four days later wound drained very freely of serum; 4 days later, on shifting of wick, there was a gush of blood; 13 days after operation wick removed, accompanied by hemorrhage; next day condition improved; late in afternoon dressing was stained through with blood; abdomen distended; pulse very poor and patient died. Clinical cause of death: Hemorrhage(?). No autopsy.

LAPAROTOMY, EXPLORATORY, FOR

Perforated gastric ulcer.

92. Male. 43 years. Entered with diagnosis of chronic ulcer of stomach. Thirteen days after entrance, sudden severe attack of pain in upper part of abdomen. Diagnosis, probable perforation of ulcer of stomach. *Immediate operation.* Novocain. Gas and large amount of bile-stained fluid in abdomen; perforation in anterior wall of stomach; closed with silk sutures. Died 6 hours later from shock and peritonitis. No autopsy.

LAPAROTOMY, EXPLORATORY, FOR

Polycystic kidney.

93. Male. 7 months. Two months before entrance lump appeared in left side, grew rapidly; no pain or tenderness. Examination: Practically entire right side of abdomen filled with firm, tense, globular mass which extended up to liver 2 c.m. beyond median line, and down well into pelvis. *Operation.* Ether. Exploratory laparotomy; cystic mass filled whole right side of abdomen, firmly adherent to under surface of liver; left lobe felt cystic. Post-operative diagnosis: Congenital cystic disease of kidney. Failed to rally from operation; temperature, pulse and respiration went steadily up. Died following day. Clinical cause of death: Shock. No autopsy.

LAPAROTOMY, EXPLORATORY, FOR

Pylorospasm.

94. Female. 3 weeks. Came in with diagnosis of pyloric stenosis. *Operation,* day of entrance. Ether. Exploratory laparotomy; no pathology found. Following day bloody ooze on dressing, which persisted; during following 6 days, persistent ooze; transfusion; next 3 or 4 days apparently improved very much; 8 days after transfusion, during night, severe projectile vomiting; abdomen much distended, relieved by enemata. Died 4 days later. *Anat. diag.:*

Hemangio-endothelioma of pancreas with metastases of walls of small intestines; perforation of small intestine; general peritonitis.

LAPAROTOMY, EXPLORATORY, AND CHOLECYSTOTOMY FOR

Cholelithiasis.

95. Male. 65 years. Ten years previously operation for stone in common duct; convalescence slow, otherwise uneventful; well for 5 years. For last 5 years attacks of pain in right upper quadrant, becoming progressively worse. Examination: Emaciated old man; hard, tender mass in right upper quadrant, extending down to umbilicus. *Operation*, 6 days after entrance. Ether. Cholecystotomy for cholelithiasis. Failed, and died 2 days after operation. *Anat. diag.:* General peritonitis; dilatation of common and hepatic ducts; cholelithiasis.

LAPAROTOMY, EXPLORATORY, AND LATERAL INTESTINAL ANASTOMOSIS FOR

Persistent vomiting, following gastro-enterostomy for duodenal ulcer.

96. Male. 60 years. Acute attack of abdominal pain 25 years before entrance; 3 years before entrance similar attack; since that time numerous attacks of pain in epigastrium with vomiting, which was never bloody. Examination: Rather unsatisfactory; X-ray showed some evidence of duodenal ulcer. *Operation*, 5 days after entrance. Ether. Cholecystectomy; infolding of duodenal ulcer; anterior gastro-enterostomy; many adhesions between duodenum and liver. Poor condition after operation; rallied; in good condition for 6 days, then persistent vomiting, small amounts, for a week; bowels moved with enemata. Fifteen days after first operation, entero-enterostomy for intestinal obstruction. Failed rapidly and died same day. Clinical cause of death: Intestinal obstruction. No autopsy.

LAPAROTOMY, EXPLORATORY, WITH DRAINAGE FOR

Incised wounds of abdomen and chest.

97. Male. 26 years. Fifteen hours before entrance, stabbed several times in chest and upper abdomen. Examination: Several stab wounds, 1 in left hypochondrium, through which omentum protruded. *Operation*, shortly after entrance. Ether. Stab wound penetrated abdominal cavity and diaphragm into pericardium; no opening into intestines. Died on tenth day. Clinical cause of death: Pericarditis; pneumonia. No autopsy.

LAPAROTOMY, EXPLORATORY, WITH EXCISION OF

Hypernephroma of liver.

98. Male. 48 years. Ten weeks before admission noticed tumor in epigastrium which increased rapidly in size; was somewhat painful at times. Examination: Firm, somewhat fluctuant tumor in epigastrium adherent to liver. *Operation*, 8 days after admission. Ether. Large tumor of liver removed; this consisted of broken down tissue, and removal was followed by considerable hemorrhage; cavity packed. Failed rapidly after operation and died 3 hours later. Clinical cause of death: Metastatic hypernephroma; internal hemorrhage. No autopsy.

LAPAROTOMY, EXPLORATORY, WITH EXPLORATION OF KIDNEY FOR

Diagnosis.

99. Male. 19 years. Transferred from medical service. Four days before entrance to hospital had hematuria and frequency;

X-ray showed shadow suggesting stone in right kidney; cystoscopic examination suggested tuberculosis of right kidney. *Operation,* 1 month after entrance. Ether. Exploratory laparotomy; exploration of right kidney; no pathology found. Second day after operation, temperature 103, pulse 160; 6 days after operation, temperature 105, pulse 150; kidney wound septic, drain inserted. Died following day. *Anat. diag.:* Streptococcus septicemia; fibrino-purulent pleuritis, right; purulent infiltration of perirenal tissue and retroperitoneal tissues, right side; acute degeneration of kidneys; hemorrhagic edema of lungs.

LAPAROTOMY, EXPLORATORY, WITH INFOLDING OF

Duodenal ulcer.

100. Male. 32 years. Entered Emergency Ward with diagnosis of volvulus. Night before entrance, while working, was seized with intense abdominal pain which caused him to double up; pain has continued ever since; no nausea or vomiting. Diagnosis, perforated duodenal ulcer. *Immediate operation.* Ether. Abdomen contained large amount of fluid; some gas; perforation of duodenum. This was sutured and re-enforced with omentum. Two days later pulse, respirations and temperature up; dulness at right base. Died 3 days after operation. Clinical cause of death: Peritonitis; pneumonia(?). *Anat. diag.:* Right lobar pneumonia; ulcers of duodenum with perforation of one of them; fibrinous peritonitis; syphilitic aortitis with thrombus formation; infarct of kidney.

LAPAROTOMY, EXPLORATORY, WITH SUTURING OF

Gunshot wounds of intestines.

101. Male. 25 years. Entered Emergency Ward with diagnosis of perforating bullet wounds of abdomen. *Immediate operation.* Ether. Abdomen full of blood; perforating wound of cecum; 5 in-and-out wounds of small intestine and adjacent mesentery; perforation of rectum and bottom of pelvis; all perforations infolded. Given intravenous serum, shock enema and caffein. Died 4 hours after operation. Death due to hemorrhage and shock. No autopsy.

NEPHRECTOMY FOR

Hypernephroma.

102. Male. 51 years. Transferred from surgical service with diagnosis of hypernephroma and question of malignant bladder. *Operation.* Spinal anesthesia. Cystoscopy; orifice of diverticulum on left side of bladder; left ureter catheterized, enters diverticulum a short distance, then comes out again; right ureter not seen. *Second operation,* 9 days after first. Gas, oxygen and ether. Tumor of kidney, size of man's head, removed with great difficulty; much bleeding; left nephrectomy. Patient in marked shock following operation; following day vomited; next day definitely worse, pulse very weak; vomited a brownish fluid several times and died. Death due to shock. Pathological report: Hypernephroma. No autopsy.

NEPHRECTOMY FOR

Pyonephrosis.

103. Male. 49 years. Entered with diagnosis of pyonephrosis, left. *Operation,* 3 days after entrance. Gas, oxygen and ether. Large pyonephritic sac in left kidney filling whole left side of abdomen, containing about 4 quarts of pus; nephrectomy. For a week following operation ran septic temperature; 2 days later developed bronchitis; 3 days later condition became much worse and patient

died. *Anat. diag.:* Tuberculosis of right kidney; suppurative nephritis; tuberculosis of prostate and seminal vesicles; cystitis; focal tuberculosis of bladder; miliary tuberculosis of liver and spleen; tuberculosis of lungs.

NEPHRECTOMY FOR

Teratoma.

Male. 48 years. Entered with diagnosis of renal calculi. In 1907, left kidney was opened with escape of pus and 1 stone; 1 month later right kidney was explored and found normal; was well for 10 years, except that sinus had drained continually since first operation. *Operation,* day after entrance. Gas and oxygen. Left nephrectomy; dissection carried down through old scar tissue to a mass which occupied a space larger than a human head; impossible to remove this as a whole; upon opening into mass it contained about a quart of broken down material; part of wall removed and cavity packed. Patient in marked shock following operation and died. Pathological report: Teratoma of kidney. Clinical cause of death: Shock. No autopsy.

OÖPHORECTOMY FOR

Cyst of ovary.

105. Female. 54 years. Came in with enormous ovarian cyst. Cyst tapped, 37 quarts of fluid withdrawn. *Operation,* 8 days later. Ether. Ovarian cyst removed. Did well for 3 days, then breathing became very much labored; pulse weakened. Died 5 days after operation. Clinical cause of death: Possible pulmonary embolus. No autopsy.

PANHYSTERECTOMY FOR

Carcinoma of cervix.

106. Female. 47 years. Nine months before entrance began to have menorrhagia which persisted off and on; no pain or discomfort. Pelvic examination: Slight persistent bloody discharge; cervix replaced by crater-like structure with granular, vascular sides; no masses felt in broad ligaments; fundus easily felt anteriorly. *Operation,* day of entrance. Ether. Panhysterectomy with drainage for carcinoma of cervix. Several clamps left on to control bleeding in pelvis. Three days following operation considerable distention; clamps removed; sero-bloody ooze followed; 4 days after operation distention very much greater and efforts to relieve it unavailing. Died in evening. Pathological report: Carcinoma. Clinical cause of death: Peritonitis. No autopsy.

PERINEAL SECTION AND CYSTOSTOMY FOR

Rupture of urethra.

107. Male. 65 years. Entered Emergency Ward, having been crushed between boat and wharf. Diagnosis, fracture of right ilium; rupture of urethra; contusions of both hips. *Immediate operation.* Ether. Perineal section; deep urethra found ruptured in region of triangular ligaments; fracture of public bone; inner end of ruptured urethra could not be found; suprapubic cystostomy. For 2 weeks after operation did well except for slight temperature; pulse gradually became weak and more rapid. Died 19 days after operation. Clinical cause of death: Septicemia. No autopsy.

PLASTIC ON MOUTH AND EXTRACTION OF TEETH FOR

Necrosis of jaw.

108. Male. 62 years. Forty years before entrance, after extensive doses of mercury, part of upper jaw sloughed through cheek;

jaw discharged up to time of entrance. Examination: Scar on cheek which seemed to prevent opening of mouth more than 1 c.m. *Operation,* 3 days after entrance. Gas and ether. Plastic on mouth; removal of teeth from upper and lower jaws. Three days after operation pulse very weak; 2 days later respirations very rapid. Patient died. *Anat. diag.:* Arteriosclerosis; hypertrophy and dilatation of heart; streptococcus septicemia; acute degeneration of liver and kidneys.

PLASTIC OPERATION FOR

Harelip.

109. Male. 3 months. Admitted with diagnosis of harelip. Examination: Double harelip and cleft palate. *Operation,* 3 days after entrance. Ether. Plastic operation for harelip and cleft palate. Following operation temperature rapidly rose to 104; symptoms of meningitis. Died on seventh day. Clinical cause of death: Meningitis. No autopsy.

PROSTATECTOMY, PERINEAL, FOR

Adenoma of prostate.

110. Male. 78 years. Ten years before entrance first had incontinence of urine, gradually grew worse; edema of ankles for 2 years; increased thirst for 5 years; burning micturition; treated for diabetes, varicose veins, and hypertrophic arthritis during last year; admitted to hospital with symptoms of obstructing prostate. *Operation,* 5 days after entrance. Spinal anesthesia and ether. Prostate small and fibrous; removed with considerable difficulty. Twelve days after operation profuse hemorrhage from bladder, which necessitated packing. Died that night. Clinical cause of death: Postoperative hemorrhage; shock. No autopsy.

111. Male. 66 years. Gonorrhea 3 times. Marked frequency of urination for past 3 years and considerable nycturia; had to be catheterized several times; refused operation of prostatectomy. Examination: Enlarged prostate with considerable residual urine. *Operation,* 8 days after entrance. Spinal novocain. Perineal prostatectomy. Following operation failed rapidly and died 24 hours later. *Anat. diag.:* Hypostatic hemorrhage and edema of lungs; general sepsis; arteriosclerosis.

PROSTATECTOMY, PERINEAL, FOR

Carcinoma of prostate.

112. Male. 64 years. Entered hospital with diagnosis of obstructing prostate. *Operation,* 12 days after entrance. Ether. Perineal prostatectomy; median lobe was enlarged; enucleated. Patient in marked shock following operation; gradually became weaker and died evening of operation. Pathological report: Adenocarcinoma. Clinical cause of death: Shock. No autopsy.

PROSTATECTOMY, SUPRAPUBIC, FOR

Adenoma of prostate.

113. Male. 71 years. Transferred from medical service, with large abdominal tumor. Probably distended bladder. *Operation.* Novocain. Bladder markedly distended, large rubber tube inserted. At time of operation 45 ounces of urine removed; following operation 8 ounces removed every 2 hours; following night 110 ounces removed; during day 52 more ounces; in afternoon some fresh blood came from bladder; patient felt weak; following day while sitting up vomited large amount of clotted blood; stools tarry; 16 days

after operation, under spinal anesthesia, suprapubic prostatectomy was done; Hagner bag inserted; very little blood; 4 days later was sitting up feeling very well; 3 days later vomited, felt poorly; 8 days later incontinent of feces, voided large amount of urine; heart arhythmic; râles at left base. Died 3 days later. *Anat. diag.:* Cystitis; ureteritis; pyonephrosis; suppurative nephritis.

114. Male. 84 years. For 20 years frequent micturition and some difficulty in starting stream; increased markedly in last year; for 24 hours before entrance unable to void urine. Examination: Hypertrophied prostate; considerable blood discharged from urethra as result of instrumentation. *Operation,* day of entrance. Novocain. Suprapubic cystotomy for adenoma of prostate. Did well for 15 days, when condition seemed to warrant a prostatectomy. Following this, condition failed. Died 5 days after second operation. Clinical cause of death: Cardiac failure; broncho-pneumonia. No autopsy.

115. Male. 82 years. Frequency of urination for 8 years; acute retention 3 years before; second attack of acute retention 1 week previous, when patient was admitted to hospital; had not vomited for some time. Catheterized without difficulty; placed on constant drainage; kept under observation for 10 days. *Operation.* Ether. Suprapubic prostatectomy. Following that, slowly failed, and died on eighteenth day. Clinical cause of death: Cardio-renal insufficiency; septicemia. No autopsy.

PROSTATECTOMY, SUPRAPUBIC, FOR

Carcinoma of prostate.

116. Male. 58 years. Two years before entrance acute retention, relieved by catheterization; 6 months before, second attack; after that suffered from cystitis; catheterized twice daily. Examination: Marked enlargement of prostate; cystitis. *Operation,* 3 days after entrance. Novocain. Suprapubic cystotomy. Following that, temperature elevated, then dropped to normal; continued to drain well for 23 days; general condition improved. *Operation,* 25 days after first. Gas, oxygen and ether. Suprapubic prostatectomy. Following operation temperature rose; 2 days later developed hiccoughs; otherwise no abdominal symptoms. Failed, and died on eighth day after second operation. Clinical cause of death: Carcinoma of prostate; general septicemia. No autopsy.

RADICAL CURE OF

Umbilical hernia, strangulated.

117. Female. 70 years. Umbilical hernia for 1 year; considerable pain; some vomiting with constipation for 4 days. Examination: Feeble old woman with irreducible umbilical hernia. *Operation,* day of entrance. Novocain. Radical cure of strangulated umbilical hernia. Did well for 2 days; temperature suddenly rose to 106. Died in few hours. Clinical cause of death: Strangulated umbilical hernia; heat stroke. (Weather extremely hot.) No autopsy.

RADICAL CURE OF

Ventral hernia.

118. Male. 45 years. Entered hospital with diagnosis of hernia in scar. *Operation,* following day. Ether. Radical cure of ventral hernia. Three days after operation temperature and pulse went up; seemed very sick; 2 days later developed signs of consolidation at left base; pulse became much weaker and patient died. Clinical cause of death: Pneumonia. No autopsy.

RADICAL CURE, WITH ORCHIDOPEXY, FOR

Inguinal hernia (strangulated) with undescended testicle.

119. Male. 18 years. Morning of entrance hernia in right groin; vomited; pain very severe; his doctor tried to reduce hernia, without success. Examination: large, tense mass in right groin, irreducible. *Immediate operation.* Ether. Large sac distended with fluid, containing 6 inches of very dark small intestine; color of intestine improved after relieving constriction; intestine replaced in abdomen; right undescended testicle replaced in scrotum. Took ether poorly; cyanotic most of time; did not come out of ether. Died that night. Clinical cause of death: Strangulated inguinal hernia; mitral valvular disease. No autopsy.

RESECTION OF COLON AND COLOSTOMY FOR

Carcinoma of rectum.

120. Male. 64 years. Attacks of diarrhea and constipation for 8 months; for 3 weeks, profuse discharge of blood and pus; some pain; lost 30 pounds in weight. Examination: Friable, bleeding, polypoid growth in posterior wall of rectum, size of finger. *Operation,* 5 days after entrance. Ether. Resection of rectum and lower sigmoid for carcinoma, and formation of artificial anus. Good recovery from ether. During night following operation, complained of great pain in chest. Died in few minutes. *Anat. diag.:* Thrombophlebitis of left iliac vein and inferior cava; pulmonary embolism.

RESECTION OF INTESTINE WITH COLOSTOMY FOR

Carcinoma.

121. Male. 67 years. Six months previously attack of pain in right lower quadrant, relieved by morphia; 6 weeks previously symptoms of chronic intestinal obstruction; distention and vomiting, great difficulty in moving bowels; lost 40 pounds. Examination: Indurated mass occupying left lower part of abdomen. *Operation,* 5 days after entrance. Ether. Excision of colon for carcinoma, with colostomy. Failed, and died 4 days after operation. Clinical cause of death: Evidently general peritonitis. No autopsy.

RESECTION OF INTESTINE WITH END-TO-END ANASTOMOSIS FOR

Carcinoma.

122. Male. 34 years. Nine months before entrance began to have abdominal pain; constipated after that, requiring constant cathartics; no blood in stools; considerable gas; loss of weight. X-ray showed evidences of carcinoma in region of splenic flexure. *Operation,* 10 days after entrance. Ether. Excision of colon for carcinoma with end-to-end anastomosis. Following operation considerable shock; rallied; condition favorable for 8 days; began to hiccough; vomited; from that time failed. Died on tenth day. Probable cause of death: Peritonitis. No autopsy.

RESECTION OF INTESTINE WITH END-TO-END ANASTOMOSIS FOR

Tuberculosis.

123. Female. 20 years. Very severe pain night before entrance to Emergency Ward; pain less at entrance; complained of tenderness in right lower quadrant. Marked tenderness and voluntary spasm in right lower quadrant; temperature 98.6; white count

17,000. *Immediate operation.* Ether. Exploratory laparotomy; appendectomy. Mass in cecum, hard, smooth, nodular in one place, extending up ascending colon to transverse; 2 or 3 small nodules in cecum excised for pathological examination. Did well following operation. Pathological report: Tuberculosis. Twenty days after first operation, *second operation.* Ether. Resection of cecum; end-to-end anastomosis. Many retroperitoneal glands, much enlarged, some broken down. Three days after operation temperature, pulse and respiration went up; 2 days later markedly distended; vomited; 9 days after operation patient died. *Anat. diag.:* Resection of cecum for tuberculosis; tuberculosis of retroperitoneal and mesenteric lymphatic glands; tuberculosis of spleen; tuberculosis of bronchial lymph glands; necrosis of intestinal anastomosis; general peritonitis; slight broncho-pneumonia; edema of lungs; papillary adeno-carcinoma of right kidney; streptococcus septicemia.

RESECTION OF INTESTINE WITH LATERAL ANASTOMOSIS FOR

Carcinoma.

124. Male. 45 years. Eighteen months before, in hospital, with history of having passed blood by rectum; first day and a half, vomited several times; examination negative; discharged with diagnosis of constipation. Six months before entrance colostomy at another hospital for chronic obstruction; since leaving hospital, several attacks of mild obstruction; marked loss of weight. Examination negative. Exploratory operation advised. Under observation for 3 weeks. *Operation.* Ether. Ileo-sigmoidostomy for carcinoma of splenic flexure. At end of operation in distinctly poor condition; did not rally. Died 3 days after operation. *Anat. diag.:* Carcinoma of splenic flexure with metastasis; streptococcus septicemia; peritonitis; purulent bronchitis; arteriosclerosis.

SALPINGO-OÖPHORECTOMY FOR

Pyosalpinx.

125. Female. 44 years. Entered hospital with diagnosis of retroverted and incarcerated uterus. *Operation,* 2 days after entrance. Gas and ether. Both tubes very much swollen and congested; left ovary adherent to tube, removed after tube; right tube removed; appendix inflamed, removed; pelvis drained. Patient had 2 or 3 small fibroids, but in view of septic condition these were not touched. Did well for 10 or 11 days, then temperature and pulse began to go up. Pelvic examination showed a very tender mass in posterior cul-de-sac. Eighteen days after first operation a vaginal puncture was done under gas and oxygen. Large abscess broken into behind uterus; drained. Died 3 days later. *Anat. diag.:* General peritonitis; myomata of uterus; fatty metamorphosis of liver.

SALPINGO-OÖPHORECTOMY FOR

Salpingitis.

126. Female. 25 years. Three months before entrance normal delivery; following this, evidence of pelvic peritonitis and puerperal sepsis. Examination: Large, fluctuating mass in posterior cul-de sac; abdomen distended, tense; exploratory laparotomy with drainage of pelvic abscess; discharged to Convalescent Home. Re-admitted, 1 month later, with evidence of pelvic abscess. *Operation,* day of admission. Ether. Vaginal puncture; double salpingo-oöphorectomy. Considerable shock following operation. Died next day. Clinical cause of death: Puerperal peritonitis; surgical shock. No autopsy.

THORACENTESIS FOR

Empyema.

127. Female. 38 years. Transferred from medical service with diagnosis of empyema and broncho-pneumonia. *Operation.* Novocain. Catheter placed between sixth and seventh ribs, connected with bottle; considerable amount turbid fluid. Following day, became restless; pulse and respirations very poor. Died on second day. Clinical cause of death: Broncho-pneumonia; empyema; streptococcus septicemia. No autopsy.

128. Male. 16 months. Transferred from medical service with diagnosis of empyema. *Operation.* Gas and oxygen. Catheter placed between ninth and tenth ribs, connected with constant drainage bottle. Following day, did fairly well, draining considerable amount; 3 days later in evening temperature and respiration went up suddenly; following day broncho-pneumonia developed on the other side; failed rapidly and died. Clinical cause of death: Empyema; broncho-pneumonia. No autopsy.

THORACOTOMY WITH DRAINAGE OF

Abscess of lung.

129. Male. 35 years. Pneumonia 4 years previously; shortly after that, operation for empyema; 1 year later necessary to do second operation; after that able to work, though sinus persisted; for several months before entrance hemorrhages from lungs; spit up cupfuls of blood with some necrotic tissue. Examination: Evidence of lung abscess. *Operation,* 1 week after entrance. Gas, oxygen and ether. Chest opened through old scar; old abscess cavity in lower lobe; lobe partially removed. Following operation, failed rapidly, and died 6 hours later. Clinical cause of death: Lung abscess; shock. No autopsy.

THORACOTOMY WITH DRAINAGE OF

Empyema.

130. Male. 18 years. Eight weeks before entrance, following fall, quite sick for 2 weeks; 2 days before entrance acute attack of general malaise, cough and high fever. Examination: Evidence of empyema in left lung. *Operation,* day of transfer. Gas, oxygen and ether. Intercostal incision; empyema evacuated; cavity drained with Miller wicking. Two days after operation clonic convulsions on right side; breathing became stertorous; failed rapidly and died. Clinical cause of death: Empyema; cerebral embolus. No autopsy.

THORACOTOMY WITH RESECTION OF RIB FOR DRAINAGE OF

Abscess of lung.

131. Male. 34 years. Eighteen months before entrance injured while at work, receiving fractured liver; pneumonia 4 weeks after this; 1 year later began to lose weight; spit considerable blood and foul smelling sputum; this continued, suggesting abscess of lung. *Operation,* day after entrance. Gas and oxygen. Condition did not improve. Exploratory *operation,* 2 months later for interlobar lung abscess. Gas and oxygen. Did well following operation for 9 days; then sudden attack of sharp pain in chest; rise of temperature to 104. Died day following. Clinical cause of death: Lung abscess; probable subdiaphragmatic abscess; pulmonary embolism. No autopsy.

THORACOTOMY WITH RESECTION OF RIB FOR DRAINAGE OF Empyema.

132. Female. 4 years. Entered Emergency Ward with diagnosis of empyema. Immediately placed on danger list. *Immediate operation.* Gas and oxygen. Resection of about 1 inch of ninth rib; large amount of thick white pus; opening made between tenth and eleventh ribs; 2 rubber tubes for drainage. Four days after operation did fairly well except for very high pulse; drained freely; 6 days after operation developed loud murmur at apex; gradually failed and died that day. Clinical cause of death: Empyema; acute endocarditis. No autopsy.

133. Male. 58 years. Two months before entrance gastric distress coming on after meals accompanied by some vomiting; pain confined patient to bed for 2 days; vomited some blood. Four hours before entrance acute attack of pain in epigastric region requiring morphine. Examination: Abdomen board-like. *Operation,* day of entrance. Ether. Repair of perforation of duodenal ulcer with drainage. Did well for 8 days when temperature rose; indefinite symptoms of subdiaphragmatic abscess with fluid in right pleural cavity. *Second operation,* 18 days after first. Gas and oxygen. Rib resected for empyema; needle introduced through diaphragm in 4 places without obtaining pus. Gradually failed, and died 28 days after primary operation. Clinical cause of death: Empyema; probable subdiaphragmatic abscess. No autopsy.

134. Male. 55 years. Transfer from medical service. Rather indefinite history of cough for 3 weeks; night sweats; X-ray showed questionable process of left base, possible fluid. *Operation.* Gas and oxygen. Resection of portion of ninth rib; small amount of thick pus found between diaphragm and lower lobe. Three days after operation became gradually worse, refusing to take nourishment; culture from pus, no growth; blood culture 5 days after operation, streptococcus; temperature and respiration remained normal with pulse of 110 to 120, following operation. Died 6 days after operation. Clinical cause of death: Streptococcus septicemia. No autopsy.

135. Male. 38 years. Sudden attack of very acute abdominal pain in epigastrium 5 hours before entrance; vomited small amounts. Examination: Abdomen board-like; no masses demonstrated. *Operation,* day of entrance. Ether. Median abdominal incision; perforated ulcer of first portion of duodenum repaired; wound drained. Following operation did fairly well for 8 days, although neither temperature nor pulse ever dropped below 100; pulse and temperature began to rise on tenth day; evidence of fluid in both pleural cavities; on seventeenth day abdomen opened and subdiaphragmatic abscess on left drained; on twentieth day pleural cavity on right drained for empyema; exploratory puncture through diaphragm revealed no pus. Died 22 days after operation. Clinical cause of death: Subdiaphragmatic abscess; empyema following perforated duodenal ulcer. No autopsy.

THORACOTOMY WITH RESECTION OF RIB FOR DRAINAGE OF Hemothorax.

136. Female. 29 years. Complained of cough, which increased in severity; night sweats; chest tapped several times in another hospital. Examination: No expansion of chest; compensatory hypertrophy of right lung; suggested malignant disease of lung rather than tuberculous pleurisy. *Operation,* day of transfer. Ether. Por-

tion of ninth rib resected; right pleural cavity drained. At end of operation condition poor; more or less superficial sepsis; complained of pain; evidence of consolidation of fluid localized in left chest, displacing heart to right; pulse remained at 120 though temperature was not elevated. Died 37 days after operation. *Anat. diag.:* Adeno-carcinoma, probably primary in pancreas with multiple metastases; edema of lungs; thrombosis of ovarian veins.

THORACOTOMY WITH RESECTION OF RIB FOR

Sarcoma of lung.

137. Male. 3 years. Six months before, entered hospital for drainage of abscess of femur; diagnosis, small round cell sarcoma. Re-admitted with history of having had heavy cold 8 weeks before, which had not cleared up; general condition failed for 6 weeks; complained of pain and swelling of limb; lost weight; considerable cough and fever. Examination: Empyema, right. *Operation,* day of entrance. Gas and oxygen. Thoracotomy, opening into cavity containing large amount of broken down necrotic tissue; no pus. Died 3 days later. *Anat. diag.:* Sarcoma of right lung.

THYROTOMY WITH REMOVAL OF

Carcinoma of larynx.

138. Male. 61 years. Hoarseness for 6 months; no pain or difficulty in swallowing. Examination: Papillary growth in vocal cords. *Operation,* day after entrance. Ether. Thyrotomy with removal of carcinoma of larynx. Following operation considerable dyspnea; tracheotomy 1½ hours later; considerable subcutaneous emphysema; remained in poor condition for 11 days, when he died. Clinical cause of death: Cardiac failure. No autopsy.

TRANSFUSION FOR

Hemorrhage.

139. Male. 5 years. Referred from Eye and Ear Infirmary with diagnoses: Furunculosis of left ear; hemorrhage from ear. Transfused on day of entrance with 500 c.c. of citrated blood; half-an-hour after transfusion, temperature and chill; 2 hours later very restless; shortly after this some bleeding from ears, nose and mouth; bleeding stopped for an hour, later started again from nose and mouth. Died early next day. *Anat. diag.:* Sepsis of deep tissues of left side of neck with sinus formation extending into left auditory meatus and into larynx, with hemorrhage into left auditory meatus and gastro-intestinal tract; hemorrhagic areas of lungs; streptococcus septicemia.

URETHROTOMY, EXTERNAL, FOR

Stricture of urethra.

140. Male. 67 years. Difficult micturition for 20 years following gonorrhea; complete retention for 24 hours. Examination: Impassable stricture of urethra; dilated bladder. *Operation,* 5 days after entrance. Ether. Filiform passed through urethra to bladder; perineal section. Did well for 2 weeks, then had attack of hiccoughs; evidence of pyelitis; urethral drain removed at end of 25 days and catheter re-introduced because of perineal leakage; from that time gradually failed; bed-sores; edema of back and legs. Died 4½ weeks after operation. *Anat. diag.:* Pyonephrosis; perinephritic abscess; diphtheritic cystitis.

141. Male. 44 years. Entered hospital with diagnosis of tuberculous kidney, with process in bladder. *Operation,* 3 days after

entrance. Perineal section; no. 28 sound went into bladder easily; bladder too bloody for cystoscope to show anything. For 2 weeks following operation temperature ranged from 100 to 103; dulness in both apices; increased voice and breath sounds; no râles. Gradually grew worse and died 24 days after operation. Clinical cause of death: Probably tuberculosis of lungs, kidney, and bladder. No autopsy.

VAGINAL PUNCTURE FOR DRAINAGE OF

Pelvic abscess.

142. Female. 27 years. Entered Emergency Ward with diagnosis of acute salpingitis. *Operation*, 4 days later. Ether. Vaginal puncture; opening and draining pelvic abscess. Following day temperature remained up, abdomen markedly distended. Condition grew worse within next 2 days. Died 6 days after operation. Clinical cause of death: General peritonitis. No autopsy.

REPORT OF THE RADIOGRAPHIC DEPARTMENT.

	1916	1917
Number of Out-Patient Department cases examined	7,698	7,127
Number of Emergency Ward cases examined	1,236	1,155
Number of Private cases examined	385	571
Number of Consultation Clinic cases examined	1,297	1,308
Number of House cases examined	4,986	4,125
Number of cases treated	1,914	1,052
Total number of visits	17,516	15,338
Total number of new cases	8,757	8,912
Total number of cases fluoroscoped	4,689	4,354
Number of X-Ray plates used for Out-Patient Department cases	12,577	12,680
Number of X-Ray plates used for Emergency Ward cases	2,557	2,400
Number of X-Ray plates used for Private cases	513	738
Number of X-Ray plates used for Consultation Clinic cases	2,107	2,219
Number of X-Ray plates used for House cases	9,734	7,253
Total number of X-Ray plates used	27,488	25,290

LIST OF HOUSE PUPILS.

Abbott, Roy Charles	Orthop.	1916
Univ. of California Hospital, San Francisco, Cal.		
Adams, Benjamin Faneuil Dunkin . .	Surg.	1863
Died 1895.		
Adams, Charles Goldthwaite	Surg.	1850
Died 1852.		
Albee, Fred Houdelett	South Surg.	1904
40 East 41st St., New York City.		
Alden, Eliot	West Surg.	1902
1012 Brockman Bldg., Los Angeles, Cal.		
Allen, Arthur Wilburn	West Surg.	1915
52 Hereford St., Boston.		
Allen, Dudley Peter	West Surg.	1880
Died 1915.		
Allen, Freeman	South Surg.	1900
200 Beacon St., Boston.		
Allen, Seabury Wells	West Surg.	1898
509 Beacon St., Boston.		
Alton, Benjamin Harrison	West Surg.	1916
729 N. Michigan Ave., Saginaw, Mich.		
Andrews, Thomas	Surg.	1847
Died 1852.		
Appleton, Paul	West Surg.	1917
6 Thomas St., Providence, R. I.		
Aub, Joseph Charles	East Med.	1915
Cincinnati, Ohio.		
Ayer, James Bourne	Surg.	1872
Died 1910.		
Badger, George Sherwin Clark . . .	West Med.	1898
48 Hereford St., Boston.		
Bagg, Edward Parsons, Jr.	East Med.	1913
243 Linden St., Holyoke, Mass.		
Bain, John Baxter	East Med.	1903
348 Haverhill St., Lawrence, Mass.		
Balch, Franklin Greene	West Surg.	1893
279 Clarendon St., Boston.		
Baldwin, Henry Cutler	East Surg.	1885
Died 1915.		

Baldwin, Walter Isaac . . . . . Orthop. 1913
135 Stockton St., San Francisco, Cal.

Barker, Williston Wright . . . . . West Med. 1908
4 Lyndhurst St., Dorchester, Mass.

Barnes, Allan Foster . . . . . South Surg. 1903
Died 1914.

Barney, Charles Norton . . . . . West Med. 1896
Major, U.S.A. (retired), 104½ W. Main St., Oklahoma City, Okla.

Barney, George Lawrence . . . . . East Surg. 1895
Died 1898.

Barney, James Dellinger . . . . . East Surg. 1905
99 Commonwealth Ave., Boston.

Barrett, Benjamin . . . . . Apothecary 1823
Died 1869.

Barrett, Henry Augustus . . . . . Med. 1844
Died 1899.

Bartlett, Lyman . . . . . Med. 1832
Died 1865.

Bartol, Edward Francis Washburn . . . East Surg. 1901
6 Reesdale Road, Milton, Mass.

Bartol, John Washburn . . . . . East Surg. 1891
3 Chestnut St., Boston.

Barton, Lyman Guy, Jr. . . . . East Surg. 1914
Willsborough, N. Y.

Bates, Everett Alanson . . . . . East Med. 1891
57 Chestnut St., Springfield, Mass.

Beach, Henry Harris Aubrey . . . . Surg. 1867
Died 1910.

Beal, Howard Walter . . . . . South Surg. 1899
452 Main St., Worcester, Mass.

Beals, Lynn Staley . . . . . West Med. 1905
177 Dearborn St., Buffalo, N. Y.

Beard, Archibald Hildreth . . . . . West Med. 1916
University Hospital, Minneapolis, Minn.

Beebe, Arthur Appleton . . . . . East Surg. 1899
Died 1900.

Belknap, James Lyman . . . . . West Med. 1904
Died 1911.

Bell, Charles . . . . . Surg. 1854

Benner, Richard Stanwood . . . . . West Surg. 1903
25 Maple St., Springfield, Mass.

Berger, Harry Calvin . . . . . Child. Med. 1914
Bellevue Hospital, New York City.

Berkley, Hugh Kling . . . . . Child. Med. 1916
1440 Third St., Santa Monica, Cal.

Bertody, Charles . . . . . Surg. 1846
Died 1893.

Bigelow, George Hoyt . . . . . East Med. 1917
Framingham Centre, Mass.

Bigelow, Henry Jacob . . . . . Med. 1838
Died 1890.

Bigelow, Leslie Lawson . . . . . West Surg. 1908
185 E. State St., Columbus, Ohio.

Binger, Carl Alfred Lanning . . . . East Med. 1915
75 Cliff St., New York City.

Binney, George Hayward . . . . . West Surg. 1913
447 Beacon St., Boston.

Binney, Horace . . . . . South Surg. 1902
205 Beacon St., Boston.

Blaisdell, John Harper . . . . . Dermatolog. 1911
45 Bay State Road, Boston.

Blake, John George . . . . . Surg. 1860
212 Beacon St., Boston.

Blake, Samuel Coleman . . . . . Med. 1852
Died 1897.

Blanchard, Albert Henry . . . . . Med. 1850
Died 1909.

Blodgett, Albert Novatus . . . . . Surg. 1870
51 Massachusetts Ave., Boston.

Bloomer, Earl . . . . . East Surg. 1917
1220 N. Third St., St. Joseph, Mo.

Bock, Arlie Vernon . . . . . West Med. 1917
45 Union Ave., Dubuque, Iowa.

Boos, William Frederick . . . . . West Med. 1902
427 Marlboro St., Boston.

Booth, Edward Chauncey . . . . . West Med. 1877
40 Boston St., Somerville, Mass.

Borden, Russell Potter . . . . . West Surg. 1914
Lower Canard, Nova Scotia.

Borland, John Nelson . . . . . Med. 1850
Died 1890.

Boutelle, James Thacher . . . . . Surg. 1870
Hampton, Va.

Boutwell, Henry Thatcher . . . . . Surg. 1869
164 Myrtle St., Manchester, N. H.

Boutwell, Horace Keith . . . . . East Med. 1905
39 St. Paul St., Brookline, Mass.

Bowditch, Harold . . . . . West Med. 1911
520 Commonwealth Ave., Boston.

Bowditch, Henry Ingersoll . . . . . Med. 1830
Died 1892.

Bowditch, Vincent Yardley . . . . . East Med. 1879
506 Beacon St., Boston.

Bowen, John Templeton . . . . . West Med. 1883
14 Marlboro St., Boston.

Bradford, Edward Hickling . . . . Surg. 1872
133 Newbury St., Boston.

Brannan, John Winters . . . . . East Surg. 1878
48 West 51st St., New York City.

Brewster, George Washington Wales . . East Surg. 1893
213 Beacon St., Boston.

Bridge, Horace . . . . . Med. 1870
Augusta, Maine.

Briggs, Charles Edwin . . . . . East Surg. 1898
118 Lenox Bldg., Cleveland, Ohio.

Briggs, Frederick Melancthon . . . East Surg. 1884
536 Commonwealth Ave., Boston.

Brigham, Francis Gorham . . . . East Med. 1910
355 Marlboro St., Boston.

Bright, George Adams . . . . . Med. 1859
Died 1905.

Brooks, William Allen . . . . . East Surg. 1892
167 Beacon St., Boston.

Broughton, Arthur Nicholson . . . South Surg. 1898
10 Roanoke Ave., Jamaica Plain, Mass.

Brown, Dillon . . . . . West Surg. 1885
Died 1909.

Brown, Francis Henry . . . . . Med. 1860
Died 1917.

Brown, Lloyd Thornton . . . . . South Surg. 1908
372 Marlboro St., Boston.

Bryant, John . . . . . West Surg. 1910
338 Marlboro St., Boston.

Buckingham, Edward Marshall . . . West Surg. 1874
Died 1916.

Buffum, William Henry . . . . . East Med. 1903
37 George St., Providence, R. I.

Bull, Edward Cline . . . . . Orthop. 1917
1716 LeRoy Ave., Berkeley, Cal.

Bullard, William Norton . . . . . East Med. 1880
89 Marlboro St., Boston.

Bumstead, Freeman Josiah . . . . Surg. 1850
Died 1879.

Burlingham, Louis Herbert . . . . West Med. 1907
Barnes Hospital, St. Louis, Mo.

Burnett, Francis Lowell . . . . . South Surg. 1908
82 Beacon St., Boston.

Burnett, Waldo Irving . . . . . Med. 1849
Died 1854.

Burnham, Elmond Arthur . . . West Med. 1893
154 Huntington Ave., Boston.

Burrage, Thomas Jayne . . . . East Med. 1904
139 Park St., Portland, Maine.

Bush, John Standish Foster . . . East Surg. 1874
651 Boylston St., Boston.

Butler, Charles Shorey . . . . East Surg. 1899
257 Newbury St., Boston.

Butler, Joel Ives . . . . . South Surg. 1905
123 S. Stone Ave., Tucson, Ariz.

Cabot, Arthur Tracy . . . . . West Surg. 1876
Died 1912.

Cabot, Hugh . . . . . South Surg. 1899
87 Marlboro St., Boston.

Cabot, Richard Clarke . . . . East Med. 1894
1 Marlboro St., Boston.

Capps, Joseph Almarin . . . . East Med. 1896
122 S. Michigan Boulevard, Chicago, Ill.

Carney, Sidney Howard . . . . Med. 1860
Died 1912.

Caryl, Lucian Willard . . . . Surg. 1829
Died 1837.

Caswell, Charles O. . . . . Orthop. 1909
121 Spring St., Portland, Maine.

Chadbourne, Arthur Patterson . . East Med. 1890
193 Beacon St., Boston.

Chadwick, James Read . . . . Surg. 1870
Died 1905.

Chamberlain, Weston Percival . . West Med. 1898
Major, Medical Corps, United States Army.

Chandler, Norman Fitch . . . West Med. 1888
82 High St., Medford, Mass.

Channing, Walter . . . . . Surg. 1871
Channing Sanatorium, Brookline, Mass.

Chapin, Lawrence Dudley . . . East Med. 1908
20 Maple St., Springfield, Mass.

Chase, Henry Melville . . . . West Surg. 1902
409 Marlboro St., Boston.

Chauncey, Charles William . . . . Apothecary 1823
Died 1864.

Churchill, Frank Spooner . . . West Med. 1891
1259 N. State St., Chicago, Ill.

Chute, Arthur Lambert . . . . South Surg. 1895
350 Marlboro St., Boston.

Clap, Edmund Wright . . . . East Med. 1895
390 Commonwealth Ave., Boston.

Clark, DeWitt Scoville, Jr. . . . . East Surg. 1915
Washington Square, Salem, Mass.

Clark, George Oliver . . . . . East Surg. 1904
142 Beacon St., Boston.

Clark, John Howe . . . . . Med. 1861
1537 Cambridge St., Cambridge, Mass.

Clark, Joseph Payson . . . . . East Surg. 1887
71 Marlboro St., Boston.

Clark, Nelson Henry . . . . . West Med. 1905
212 N. Highland Ave., Pittsburg, Pa.

Cleaves, Edwin Nelson . . . . . East Surg. 1917
3 Brooks St., W. Medford, Mass.

Cobb, Farrar . . . . . East Surg. 1893
28 Commonwealth Ave., Boston.

Codman, Ernest Amory . . . . . East Surg. 1895
227 Beacon St., Boston.

Cogswell, William . . . . . South Surg. 1896
151 Merrimac St., Haverhill, Mass.

Coller, Frederick Amasa . . . . . West Surg. 1914
658 West Jefferson St., Los Angeles, Cal.

Colwell, Howard Spencer . . . . . East Med. 1916
656 Main St., Worcester, Mass.

Conant, William Merritt . . . . . West Surg. 1884
486 Commonwealth Ave., Boston.

Congdon, Russell Thompson . . . . . West Surg. 1909
Wenatchee, Wash.

Cook, Edgar Charles . . . . . West Surg. 1916
Mendota, Ill.

Cooke, Henry Arnold . . . . . East Med. 1897
234 Benefit St., Providence, R. I.

Coolidge, Algernon . . . . . East Surg. 1886
613 Beacon St., Boston.

Coolidge, Frederick Shurtleff . . . . . West Surg. 1891
Died 1915.

Cooper, Charles Wendell . . . . . West Surg. 1877
Died 1897.

Cotton, Frederick Jay . . . . . West Surg. 1894
520 Commonwealth Ave., Boston.

Coues, William Pearce . . . . . West Surg. 1895
31 Massachusetts Ave., Boston.

Crabtree, Ernest Granville . . . . . East Surg. 1913
87 Marlboro St., Boston.

Crabtree, Harvard Hersey . . . . . East Surg. 1913
Massachusetts General Hospital.

Crandall, Arthur Richmond . . . . . South Surg. 1898
48 Church Green, Taunton, Mass.

Crane, Phineas Miller . . . . . Apothecary 1826
Died 1882.

Crosbie, Arthur Hallam . . . . . East Surg. 1907
260 Clarendon St., Boston.

Crothers, Bronson . . . . . West Med. 1911
Lowry Bldg., St. Paul, Minn.

Cummin, John White . . . . . South Surg. 1897
9 Massachusetts Ave., Boston.

Curtis, Hall . . . . . Surg. 1856
Died 1906.

Cushing, Edward Fitch . . . . . East Surg. 1888
Died 1911.

Cushing, Edward Fitch . . . . . West Med. 1890
Died 1911.

Cushing, Harvey Williams . . . . . South Surg. 1896
Peter Bent Brigham Hospital, Boston.

Cushing, Joseph Whitney . . . . . Surg. 1860
Died 1897.

Cusick, Lawrence Francis . . . . . East Surg. 1906
99 Newbury St., Boston.

Cutler, Elbridge Gerry . . . . . Med. 1871
214 Beacon St., Boston.

Cutler, George David . . . . . East Surg. 1912
180 Marlboro St., Boston.

Cutler, William Ward . . . . . Med. 1835
Died 1870.

Dalton, John Call . . . . . Surg. 1847
Died 1889.

Dana, Francis . . . . . Med. 1829
Died 1872.

Dane, John . . . . . East Surg. 1893
29 Marlboro St., Boston.

Davenport, Francis Henry . . . . . Med. 1875
390 Commonwealth Ave., Boston.

Davis, Abel Albert . . . . . East Surg. 1894
Calumet, Mich.

Davis, Lincoln . . . . . East Surg. 1899
205 Beacon St., Boston.

Davis, William Augustus . . . . . Med. 1840
Died 1898.

Davis, William Horace . . . . . West Surg. 1898
23 Beaumont St., Ashmont, Mass.

Day, Charles Orrin, Jr. . . . . East Surg. 1909
North St., Hingham, Mass.

DeCourcillon, Eugene . . . . . Med. 1857
Died.

Dennen, Ralph Waite . . . . . East Surg. 1911
258 Moody St., Waltham, Mass.

Dennie, Charles Clayton . . . . . Dermatolog. 1914
98 Mountfort St., Boston.

Denny, Francis Parkman . . . . . West Med. 1895
111 High St., Brookline, Mass.

DeNormandie, Robert Laurent . . . . East Surg. 1903
355 Marlboro St., Boston.

Derby, George Strong . . . . . East Surg. 1901
7 Hereford St., Boston.

Derby, Hasket . . . . . Surg. 1857
Died 1914.

Derby, Richard Henry . . . . . Surg. 1866
Died 1907.

Dexter, Richard . . . . . East Med. 1906
1003 Rose Bldg., Cleveland, Ohio.

Dole, Kenneth Llewellyn . . . . . East Surg. 1917
Roanoke Ave., Jamaica Plain, Mass.

Dolliver, George Carroll . . . . . South Surg. 1895
Died 1897.

Donoghue, James Crowley . . . . . East Med. 1897
Died 1911.

Duke, William Waddell . . . . . East Med. 1910
500 E. Armour Boulevard, Kansas City, Mo.

Dunbar, Franklin Asaph . . . . . East Med. 1882
Bonita, Cal.

Dunn, Charles Hunter . . . . . West Med. 1901
178 Marlboro St., Boston.

Dunn, William Aloysius . . . . . West Surg. 1875
139 Beacon St., Boston.

Dunn, William Milos . . . . . East Surg. 1912
602–3 Candler Bldg., Atlanta, Ga.

Dupee, Horace . . . . . Surg. 1835
Died 1891.

Durand, Henry Strong . . . . . West Surg. 1887
Security Trust Co., Rochester, N. Y.

Durkin, Harry Anthony . . . . . Child. Med. 1915
600 Fayette St., Peoria, Ill.

Durkin, Harry Anthony . . . . . West Med. 1917
600 Fayette St., Peoria, Ill.

Dwight, Thomas . . . . . Surg. 1866
Died 1911.

Dwinell, George Francis . . . . . West Surg. 1917
117 Massabesic St., Manchester, N. H.

Dyer, Ezra . . . . . Surg. 1858
Died 1887.

Eastman, Theodore Jewett . . . . . West Med. 1907
71 Marlboro St., Boston.

Easton, Charles Daniel . . . . . East Med. 1905
36 Ayrault St., Newport, R. I.

Eaton, William Edward . . . . . Dermatolog. 1908
P. A. S., Lieut., United State Navy.

Edes, Richard Edward . . . . . East Surg. 1895
Died 1901.

Ela, Walter . . . . . East Surg. 1875
13 Ash St., Cambridge, Mass.

Eliot, George . . . . . West Surg. 1890
Died 1891.

Elliot, John Wheelock . . . . . West Surg. 1878
124 Beacon St., Boston.

Ellis, Calvin . . . . . Med. 1849
Died 1883.

Ellis, Joshua James . . . . . Med. 1851
Died 1861.

Emerson, Benjamin Kendall, Jr. . . . . East Surg. 1902
37 Pearl St., Worcester, Mass.

Emerson, Edward Waldo . . . . . West Surg. 1874
Lowell Road, Concord, Mass.

Emmons, Arthur Brewster, 2d . . . . West Surg. 1905
86 Bay State Road, Boston.

Eustis, John Fenwick . . . . . Med. 1839
Died 1844.

Eustis, Richard Spelman . . . . . West Med. 1912
329 Beacon St., Boston.

Eustis, Richard Spelman . . . . . Child. Med. 1913
329 Beacon St., Boston.

Eveleth, Charles Wilson . . . . . West Med. 1904
1 Madison Ave., New York City.

Everett, Oliver Hurd . . . . . East Surg. 1877
53 Pearl St., Worcester, Mass.

Fabyan, Marshall . . . . . East Med. 1905
379 Commonwealth Ave., Boston.

Farlow, William Gilson . . . . . Surg. 1869
24 Quincy St., Cambridge, Mass.

Farnsworth, George Bourne . . . . East Surg. 1909
2047 E. Ninth St., Cleveland, Ohio.

Favill, John . . . . . East Med. 1914
78 E. Elm St., Chicago, Ill.

Felch, Lewis Perley . . . . . Orthop. 1909
1069 Boylston St., Boston.

Ferguson, Luther Mitchell . . . . East Surg. 1915
Died 1916.

Finney, John Miller Turpin . . . . West Surg. 1889
1300 Eutaw Place, Baltimore, Md.

Fisk, Arthur Lyman . . . . . West Surg. 1890
41 West 50th St., New York City.

Fitch, Ralph Roswell . . . . . West Med. 1904
365 East Ave., Rochester, N. Y.

Fitts, John Blair . . . . . Orthop. 1917
515 Chamberlayne Ave., Richmond, Va.

Fitz, Reginald . . . . . East Med. 1911
Peter Bent Brigham Hospital, Boston.

Flagg, Elisha . . . . . East Surg. 1902
199 Commonwealth Ave., Boston.

Fletcher, Ezra Wood . . . . . Med. 1841
Died 1847.

Flint, Carleton Phillips . . . . . South Surg. 1898
Died 1908.

Flint, John . . . . . West Surg. 1903
Died 1911.

Flint, John Sydenham . . . . . Med. 1845
Died 1887.

Floyd, Cleaveland . . . . . West Med. 1904
246 Marlboro St., Boston.

Foley, Thomas Madden . . . . . Orthop. 1915
1341 New Hampshire Ave., Washington, D. C.

Folsom, Norton . . . . . Med. 1863
Died 1903.

Ford, Lester Sackett . . . . . East Surg. 1882
Died 1882.

Foster, Burnside . . . . . West Surg. 1887
Died 1917.

Francis, George Ebenezer . . . . . Surg. 1862
Died 1912.

Francis, George Hills . . . . . East Surg. 1887
295 Walnut St., Brookline, Mass.

French, Ralph Winward . . . . . S. & E. Surg. 1911
151 Rock St., Fall River, Mass.

Frost, Harold Maurice . . . . . West Surg. 1915
Tiverton, R. I.

Frost, Horace Bird . . . . . East Surg. 1897
30 N. Michigan Boulevard, Chicago, Ill.

Gage, Homer . . . . . East Surg. 1888
72 Pearl St., Worcester, Mass.

Gage, Thomas Hovey . . . . . Surg. 1851
Died 1909.

Gallison, James Murry . . . . . West Surg. 1910
49 Hereford St., Boston.

Galloupe, Charles William . . . . . West Surg. 1884
188 Commonwealth Ave., Boston.

Gamble, James Lander . . . . . West Med. 1912
John's Hopkins Hospital, Baltimore, Md.

Gannett, William Whitworth . . . . West Med. 1879
274 Marlboro St., Boston.

Gardner, Edwin Daniels . . . . . S. & W. Surg. 1912
59 Campbell St., New Bedford, Mass.

Garland, Frederick Eugene . . . . South Surg. 1903
483 Beacon St., Boston.

Garland, Joseph Everett . . . . . West Surg. 1876
Died 1907.

Garland, Roy . . . . . West Surg. 1904
96 Middle St., Gloucester, Mass.

Gaunt, Frank Peyton . . . . . West Surg. 1913
Methodist Hospital, Nanking, China.

Gay, George Henry . . . . . Surg. 1844
Died 1878.

Gay, Warren Fisher . . . . . West Surg. 1893
Died 1916.

Gibson, Robert Francis . . . . . West Med. 1902
Died 1914.

Gibson, William Borrowe . . . . . Surg. 1861
Died 1862.

Giddings, Harold Girard . . . . . South Surg. 1909
Copley Square Hotel, Boston.

Gilbert, Louis Whitmore . . . . . West Med. 1897
1470 Beacon St., Brookline, Mass.

Godding, Clarence Miles . . . . . East Surg. 1883
312 Benefit St., Providence, R. I.

Goddu, Louis Adilore Oliver . . . . Orthop. 1910
510 Commonwealth Ave., Boston.

Goodale, Joseph Lincoln . . . . . West Med. 1893
258 Beacon St., Boston.

Goodall, Harry Winfred . . . . . West Med. 1903
205 Beacon St., Boston.

Goodridge, Frederick James . . . . South Surg. 1904
5 Appian Way, Cambridge, Mass.

Goodridge, Frederick James . . . . Dermatolog. 1905
5 Appian Way, Cambridge, Mass.

Gould, Alfred Henry . . . . . South Surg. 1901
Died 1907.

Gould, Augustus Addison . . . . . Med. 1828
Died 1866.

Graves, James Chapman, Jr. . . . . East Surg. 1906
416 Paulsen Block, Spokane, Wash.

Graves, Robert John . . . . . East Surg. 1904
3 N. State St., Concord, N. H.

Graves, William Phillips . . . . . East Surg. 1900
244 Marlboro St., Boston.

Gray, Francis Henry . . . . . Med. 1833
Died 1880.

Greeley, Hugh Payne . . . . . West Med. 1910
Still Rock Spa, Waukesha, Wis.

Green, John Orne . . . . . Surg. 1865
267 Newbury St., Boston.

Green, Joshua . . . . . Apothecary 1821
Died 1875.

Green, Robert Montraville . . . . . South Surg. 1907
496 Commonwealth Ave., Boston.

Green, Samuel Abbott . . . . . Surg. 1853
Groton, Mass.

Greene, Edward Miller . . . . . East Med. 1889
45 Chestnut St., Boston.

Greenough, Francis Boott . . . . . Med. 1865
Died 1904.

Greenough, Robert Battey . . . . . East Surg. 1896
8 Marlboro St., Boston.

Greenough, Robert Battey . . . . . West Med. 1897
8 Marlboro St., Boston.

Greenwood, Arthur Moses . . . . . West Surg. 1904
Montclair, N. J.

Gregg, Alan . . . . . West Med. 1917
40 Old Orchard Rd., Chestnut Hill, Mass.

Gregg, Donald . . . . . West Med. 1909
Wellesley Ave., Wellesley, Mass.

Habersham, Joseph Clay . . . . . Med. 1852
Died 1881.

Hale, Josiah Little . . . . . Surg. 1867
Died 1903.

Hall, Custis Lee . . . . . Orthop. 1915
Massachusetts Chambers, Boston.

Hall, Herbert James . . . . . East Surg. 1896
69 Pleasant St., Marblehead, Mass.

Hall, Robert Granville . . . . . West Med. 1910
907 Journal Bldg., Broadway and Yamhill, Portland, Ore.

Hamilton, Robert De Lancey . . . . . East Med. 1904
210 High St., Newburyport, Mass.

Hammond, John Wilkes, Jr. . . . . Child. Med. 1911
337 Harvard St., Cambridge, Mass.

Hammond, John Wilkes, Jr. . . . . West Med. 1914
337 Harvard St., Cambridge, Mass.

Harmer, Torr Wagner . . . . . East Surg. 1908
496 Commonwealth Ave., Boston.

Harrington, Charles . . . . . East Med. 1881
Died 1908.

Harrington, Francis Bishop Died 1914.	East Surg.	1881
Harris, Francis Augustine Died 1911.	Surg.	1871
Harrison, Paul Wilberforce Muscat, Arabia.	East Surg.	1909
Hartwell, Harry Fairbanks 36 Walnut Park, Newton, Mass.	South Surg.	1899
Hartwell, John Bryant m'04 1121 N. Tejon St., Colorado Springs, Colo.	West Surg.	1905
Haskins, Alfred Leonard Died 1876.	Med.	1864
Hastings, William Henry Howe Died 1900.	Med.	1867
Hatch, Floyd Frost Heber City, Utah.	East Surg.	1917
Hatch, Royal Died 1917.	West Med.	1906
Haven, Henry Cecil Died 1915.	East Surg.	1877
Haven, Samuel Foster Died 1862.	Med.	1854
Hawes, John Bromham, 2d 29 Gloucester St., Boston.	East Med.	1904
Hay, Gustavus Died 1908.	Med.	1856
Hayden, David Hyslop Died 1912.	Surg.	1862
Hayward, George Died 1901.	Surg.	1841
Hayward, George Griswold Died 1910.	East Surg.	1880
Head, John Frazier Died 1908.	Med.	1843
Heard, John Theodore Died 1906.	Surg.	1858
Hedblom, Carl Arthur m'11 Mayo Clinic, Rochester, Minn.	East Surg.	1913
Hellmann, Robert Richard Died 1911.	Child. Med.	1910
Hellmann, Robert Richard Died 1911, while on service.	S. & E. Surg.	1911
Hersam, Norman Paul m'12 20 Hersam St., Stoneham, Mass.	Dermatolog.	1912
Hewes, Henry Fox 416 Marlboro St., Boston.	East Med.	1895
Heywood, Charles Frederick Died 1893.	Surg.	1846

Hildreth, Charles Hosea . . . . . Surg. 1850
Died 1884.

Hill, George Hillard . . . . . West Surg. 1895
15 High St., Worcester, Mass.

Hill, George Sumner . . . . . East Med. 1901
295 Beacon St., Boston.

Hill, Lewis Webb . . . . . West Med. 1915
374 Marlboro St., Boston.

Hodgdon, Andrew Hall . . . . . West Med. 1882
110 Maple Place, Dedham, Mass.

Hodges, William Donnison . . . . East Surg. 1881
Died 1893.

Hodgson, John Sprague . . . . . West Surg. 1916
Esmond, R. I.

Holbrook, Charles Albert . . . . . East Surg. 1910
50 Merrimac St., Haverhill, Mass.

Holden, Charles Sumner . . . . . West Surg. 1883
24 So. Main St., Attleboro, Mass.

Hollings, Charles Byam . . . . . West Surg. 1908
Massachusetts General Hospital.

Holmes, Christopher Columbus . . . Surg. 1839
Died 1882.

Holmes, Edward Lorenzo . . . . . Surg. 1853
Died 1900.

Homans, Charles Dudley . . . . . Surg. 1849
Died 1886.

Homans, John . . . . . Surg. 1861
Died 1903.

Homans, John . . . . . South Surg. 1904
559 Chestnut Hill Ave., Brookline, Mass.

Homans, John, 2d . . . . . East Surg. 1882
Died 1902.

Hooker, Anson Parker . . . . . Med. 1857
Died 1873.

Hooker, Edward . . . . . Med. 1858
Died 1858, while on service.

Hooper, Henry . . . . . Surg. 1868
1210 Astor St., Chicago, Ill.

Hosmer, Alfred . . . . . Surg. 1855
Died 1891.

Houghton, Henry Lincoln . . . . . West Surg. 1895
176 Commonwealth Ave., Boston.

Howard, Herbert Handy . . . . . West Surg. 1914
24 Marlboro St., Boston.

Howe, Estes . . . . . Med. 1834
Died 1887.

Howe, Octavius Thorndike . . . . West Surg. 1877
154 Beacon St., Boston.

Howe, Samuel . . . . . East Surg. 1875
Died 1879.

Howland, Joseph Briggs . . . . . West Surg. 1897
Massachusetts General Hospital.

Hoyt, Charles Wentworth . . . . West Surg. 1906
383 Park Ave., Rochester, N. Y.

Hubbard, Joshua Clap . . . . South Surg. 1897
86 Bay State Rd., Boston.

Huntington, James Lincoln . . . South Surg. 1908
8 Gloucester St., Boston.

Huntington, Thomas Waterman . . East Med. 1876
Union Square Bldg., 350 Post St., San Francisco, Cal.

Hutchinson, Marcello . . . . . East Med. 1877
Died 1908.

Hyde, George Smith . . . . . Med. 1855
Died 1905.

Inches, Charles Edward . . . . . Surg. 1864
Died 1911.

Irving, Frederick Carpenter . . . West Surg. 1911
86 Bay State Road, Boston.

Jackson, Arthur Morison . . . . West Surg. 1917
512 Broadway, Everett, Mass.

Jackson, Henry . . . . . East Med. 1885
380 Marlboro St., Boston.

Jackson, James Marsh . . . . . West Med. 1891
230 Beacon St., Boston.

Jackson, John Barnard Swett . . . Apothecary 1827
Died 1879.

Jackson, Sumner Waldron . . . . East Med. 1916
Waldoboro, Maine.

Jacobs, Henry Barton . . . . . East Med. 1888
11 Mt. Vernon Place, W., Baltimore, Md.

Janes, Benjamin Franklin . . . . Dermatolog. 1909
160 Main St., Northampton, Mass.

Jaques, Henry Percy . . . . . West Med. 1880
Lenox, Mass.

Jelly, Arthur Carleton . . . . . East Med. 1892
10 Arlington St., Boston.

Jennings, Alpheus Felch . . . . West Med. 1912
437 Jefferson Ave., Detroit, Mich.

Johnson, Harold Abbott . . . . West Surg. 1901
70 Broad St., Lynn, Mass.

Johnson, John Bates . . . . . Surg. 1838
St. Louis, Mo.

Johnson, Walter Sidney . . . . . West Surg. 1899
Story Bldg., Los Angeles, Cal.

Johnson, William Otis . . . . . Med. 1848
Died 1873.

Jones, Claudius Marcellus . . . . . East Med. 1875
Died 1892.

Jones, Daniel Fiske . . . . . West Surg. 1897
195 Beacon St., Boston.

Jones, Ralph Kneeland . . . . . Med. 1846
Died 1888.

Joslin, Elliot Proctor . . . . . West Med. 1895
81 Bay State Rd., Boston.

Jouett, Frederic Robert . . . . . West Med. 1900
3 Garden St., Cambridge, Mass.

Keller, Ernest Victor . . . . . Orthop. 1914
72 W. Peachtree St., Atlanta, Ga.

Kennedy, Arthur Lemuel . . . . . East Med. 1902
835 Gaylord Ave., Denver, Colo.

Kent, Barker Brooks . . . . . Surg. 1868
Died 1873.

Kerr, William John . . . . . South Med. 1915
Hooper Inst. for Med. Research, San Francisco, Cal.

Kerr, William John . . . . . West Med. 1916
Hooper Inst. for Med. Research, San Francisco, Cal.

Kidder, Edward Hamilton . . . . . West Surg. 1894
Died 1898.

Kidner, Frederick Clinton . . . . . South Surg. 1905
1337 David Whitney Bldg., Detroit, Mich.

Kilgore, Alson Raphael . . . . . West Med. 1914
4025 Lyon Ave., Fruitvale Station, Oakland, Cal.

Kilgore, Eugene Sterling . . . . . West Med. 1911
University of California Hospital, San Francisco, Cal.

Kimball, George Morrill . . . . . West Surg. 1885
226 No. Main St., Concord, N. H.

Kingman, Lucius Collinwood . . . . . West Surg. 1905
212 Benefit St., Providence, R. I.

Kingsley, George Lyle . . . . . West Surg. 1890
Died 1890.

Kinnicutt, Roger . . . . . East Med. 1908
72 Cedar St., Worcester, Mass.

Lacey, Walter Hamer . . . . . West Surg. 1917
145 Grand View Ave., Wollaston, Mass.

Ladd, Maynard . . . . . West Med. 1900
270 Clarendon St., Boston.

Lambert, Alfred . . . . . Surg. 1845
Died 1885.

Lamson, Paul Dudley '05 . . . . . East Med. 1910
49 West St., Worcester, Mass.

Lane, Jonas Henry . . . . . Apothecary 1824
Died 1861.

Lane, William Nourse . . . . . Surg. 1852
Died 1862.

Langmaid, Samuel Wood . . . . . Surg. 1863
Died 1915.

Langnecker, Harry Lesley . . . . Orthop. 1908
677 Melville Ave., Palo Alto, Cal.

Lawrence, Charles Henry, Jr. '04 . . . West Med. 1910
522 Commonwealth Ave., Boston.

Lecompte, Walter Augustus . . . . West Surg. 1899
Died 1907.

Lee, John Moore . . . . . Child. Med. 1916
Infants' Hospital, Boston.

Lee, Roger Irving '02 . . . . . East Med. 1907
51 Brattle St., Cambridge, Mass.

Lee, William George '01 . . . . . East Surg. 1905
4557 Broadway, Chicago, Ill.

Leland, George Adams, Jr. '07 . . . West Surg. 1912
483 Beacon St., Boston.

Lennox, William Gordon m.'13 . . . East Med. 1915
61 Toxteth St., Brookline, Mass.

Leonard, Edward DeWitt m.'13 . . . East Surg. 1915
661 Commonwealth Ave., Newton Centre, Mass.

Levek, Joseph Arthur . . . . . Child. Med. 1915
32 Lawrence St., Lawrence, Mass.

Lincoln, Merrick '96 . . . . . West Med. 1901
2 Linden St., Worcester, Mass.

Lincoln, Rufus Pratt . . . . . Surg. 1867
Died 1900.

Lingenfelter, George Price . . . . Dermatolog. 1910
Metropolitan Building, Denver, Colo.

Little, John Mason '97 . . . . . South Surg. 1902
374 Marlboro St., Boston.

Locke, Edwin Allen m.'01 . . . . . East Med. 1902
311 Beacon St., Boston.

Locke, Harry Lesley Franklin . . . Child. Med. 1912
Hartford Isolation Hospital, Hartford, Conn.

Lombard, Frederick Howard . . . . West Surg. 1882
Died 1885.

Lord, Frederick Taylor '97 . . . . . East Med. 1901
305 Beacon St., Boston.

Lord, Sidney Archer m.'94 . . . . . South Surg. 1894
Nashawtuc Hill, Concord, Mass.

Loring, Robert Gardner '92 . . . . . West Surg. 1896
10 Arlington St., Boston.

Lothrop, Howard Augustus . . . East Surg. 1892
101 Beacon St., Boston.

Lothrop, Oliver Ames . . . . . West Surg. 1909
101 Beacon St., Boston.

Luikart, Ralph Herbert . . . . . West Surg. 1917
2033 W. Tioga St., Philadelphia, Pa.

Lund, Fred Bates . . . . . West Surg. 1893
527 Beacon St., Boston.

Lunt, Lawrence Kirby . . . . . West. Med. 1916
1630 East 13th Ave., Denver, Colo.

Lyman, Frank . . . . . West Surg. 1893
Alwaith Bldg., Duluth, Minn.

Lyon, Arthur Bates . . . . . Child. Med. 1916
Massachusetts General Hospital.

Lyon, Arthur Bates . . . . . West Med. 1917
Massachusetts General Hospital.

MacAusland, Andrew Roy . . . . . West Surg. 1911
240 Newbury St., Boston.

Mack, William . . . . . Surg. 1837
Died 1895.

Macomber, Donald . . . . . South Surg. 1911
23 Prince St., West Newton, Mass.

Manahan, Thomas James . . . . . South Surg. 1900
Died 1911.

Manton, Walter Williamson . . . . South Surg. 1910
45 Watson St., Detroit, Mich.

Marble, Henry Chase . . . . . West Surg. 1912
28 Commonwealth Ave., Boston.

Marks, Henry Koval . . . . . East Med. 1909
565 Park Ave., New York City.

Marshall, Herman Weston . . . . West Surg. 1907
66 Bay State Rd., Boston.

Marshall, Herman Weston . . . . Orthop. 1908
66 Bay State Rd., Boston.

Marvin, Frank William . . . . . West Surg. 1915
522 Commonwealth Ave., Boston.

Mason, Amos Lawrence . . . . . Med. 1871
Died 1914.

Mason, George Edward . . . . . Surg. 1864
Died 1882.

Mason, William Castein . . . . . East Surg. 1878
70 Main St., Bangor, Maine.

May, William Ropes . . . . . East Med. 1900
121 E. 38th St., New York City.

Mayo, Thomas Franklin . . . . . Orthop. 1911
305 Cabot St., Newtonville, Mass.

McCartin, John Edward . . . . . Orthop. 1912
467 Columbia Rd., Dorchester, Mass.

McDowell, William Patton . . . . Child. Med. 1917
207 Taylor Bldg., Norfolk, Va.

Mead, Louis Guy . . . . . East Med. 1901
259 Beacon St., Boston.

Meader, Charles Nash . . . . . East Med. 1912
McPhee Bldg., Denver, Colo.

Means, James Howard . . . . . East Med. 1913
15 Chestnut St., Boston.

Mears, Elijah Raymond . . . . . Surg. 1840
Died 1841.

Metcalf, Carleton Ray . . . . . East Surg. 1907
4 N. State St., Concord, N. H.

Von Meysenburg, Ludo . . . . . Child. Med. 1917
Massachusetts General Hospital.

Millard, Jean Sears . . . . . Dermatolog. 1911
111 Highland Ave., Akron, Ohio.

Miller, Ernest Parker . . . . . West Med. 1877
408 Main St., Fitchburg, Mass.

Miller, Richard Henry . . . . . East Surg. 1911
279 Clarendon St., Boston.

Minot, George Richards . . . . . East Med. 1913
188 Marlboro St., Boston.

Minot, James Jackson . . . . . East Med. 1878
188 Marlboro St., Boston.

Mixter, Charles Galloupe . . . . . West Surg. 1907
180 Marlboro St., Boston.

Mixter, Samuel Jason . . . . . West Surg. 1879
180 Marlboro St., Boston.

Mixter, William Jason . . . . . South Surg. 1907
180 Marlboro St., Boston.

Moffitt, Herbert Charles . . . . . East Med. 1895
1818 Broadway, San Francisco, Cal.

Monks, George Howard . . . . . East Surg. 1880
51 Commonwealth Ave., Boston.

Montgomery, Orland Franklin . . . . East Surg. 1916
Rockefeller Inst. for Med. Research, New York City.

Moore, Frederick Fiske . . . . . West Med. 1876

Moore, George Albert . . . . . West Surg. 1911
31 W. Elm St., Brockton, Mass.

Moorehouse, George Wilton . . . . East Med. 1899
1110 Euclid Ave., Cleveland, Ohio.

Morrill, Ferdinand Gordon . . . . . Surg. 1868
Died 1907.

Morrill, Gordon Niles . . . . . Orthop. 1908
2047 East 9th St., Cleveland, Ohio.

Morrison, Wayland Augustus . . . . . West Surg. 1916
337 Kerckhoff Bldg., Sixth & Main Sts., Los Angeles, Cal.

Morse, George W . . . . . East Surg. 1910
30 Pinckney St., Boston.

Morse, Henry Lee . . . . . West Surg. 1878
North St., Medfield, Mass.

Morton, William James . . . . . Surg. 1871
224 Riverside Drive, New York City.

Moseley, William Edward . . . . . East Med. 1874
Died 1916.

Moseley, William Oxnard . . . . . West Med. 1878
Died 1879.

Mosher, Harris Peyton . . . . . East Surg. 1897
828 Beacon St., Boston.

Mumford, James Gregory . . . . . East Surg. 1890
Died 1914.

Murphy, Fred Towsley . . . . . West Surg. 1901
1806 Locust St., St. Louis, Mo.

Musgrave, Percy . . . . . East Med. 1899
Bar Harbor, Maine.

Newburgh, Louis Harry . . . . . West Med. 1909
University Hospital, Ann Arbor, Mich.

Newell, Franklin Spilman . . . . South Surg. 1896
443 Beacon St., Boston.

Newell, Otis Kimball . . . . . East Surg. 1883

Newhall, Harvey Field . . . . . East Surg. 1906
51 Nahant St., Lynn, Mass.

Newhall, Herbert William . . . . West Med. 1883
82 Broad St., Lynn, Mass.

Nichols, Arthur Howard . . . . . Surg. 1865
55 Mt. Vernon St., Boston.

Norton, Chauncey Williams . . . . West Surg. 1902
Saranac Lake, N. Y.

Oakman, Carl Shepard . . . . . East Surg. 1904
62 Bagg St., Detroit, Mich.

Odin, John . . . . . Surg. 1832
Died 1864.

Odiorne, Walter Burlingame . . . . East Surg. 1900
Died 1906.

O'Ferrall, John Tolson . . . . . Orthop. 1913
2341 Camp St., New Orleans, La.

Oliphant, Robert Woodruff . . . . Med. 1848
Died 1883.

Oliver, Everard Lawrence . . . . Dermatolog. 1907
362 Commonwealth Ave., Boston.

Oliver, Henry Kemble . . . . . Med. 1854
E. Jaffrey, N. H.

Oliver, Joseph Pearson . . . . . Med. 1870
Died 1903.

Omer, Joy Alva . . . . . Orthop. 1912
George Washington Univ. Hosp., Washington, D. C.

O'Neil, Richard Frothingham . . . . West Surg. 1895
379 Beacon Street, Boston.

O'Neil, Richard Frothingham . . . . East Med. 1896
379 Beacon St., Boston.

Ordway, Clarence Eugene . . . . West Surg. 1906
371 Main St., Winchester, Mass.

Osgood, Howard . . . . . East Med. 1917
84 Prescott St., Cambridge, Mass.

Osgood, Robert Bayley . . . . West Surg. 1900
372 Marlboro St., Boston.

Otis, Walter Joseph . . . . . West Surg. 1880
267 Beacon St., Boston.

Overlander, Charles Leonard . . . West Med. 1906
520 Beacon St., Boston.

Packard, George Byron, Jr. . . . East Surg. 1916
1344 Franklin St., Denver, Colo.

Page, William Hussey . . . . . Surg. 1852
Died 1888.

Painter, Charles Fairbank . . . East Surg. 1896
522 Commonwealth Ave., Boston.

Palfrey, Francis Winslow . . . . West Med. 1903
80 Marlboro St., Boston.

Palmer, Walter Walker . . . . East Med. 1911
Presbyterian Hospital, New York City.

Park, John Gray . . . . . Med. 1861
Died 1905.

Parker, Willard . . . . . Med. 1829
Died 1884.

Parker, Willard Stephen . . . . East Med. 1911
128 Bay State Rd., Boston.

Parkman, Samuel . . . . . Med. 1836
Died 1854.

Peabody, Charles William . . . . East Surg. 1917
1033 Beacon St., Brookline, Mass.

Peabody, Francis Weld . . . . East Med. 1908
Peter Bent Brigham Hospital, Boston.

Pearl, Frederick Warren . . . . . East Surg. 1895
125 East 36th St., New York City.

Pease, Edward Allen . . . . . West Surg. 1892
431 Beacon St., Boston.

Pegram, John Combe, Jr. . . . . West Surg. 1896
Died 1906.

Pemberton, Frank Arthur . . . . . South Surg. 1911
355 Marlboro St., Boston.

Percy, Karlton Goodsell . . . . . East Med. 1912
362 Commonwealth Ave., Boston.

Perkins, William Albert . . . . . East Surg. 1917
Massachusetts General Hospital.

Peterson, Hugo Oliver . . . . . East Med. 1912
44 Pleasant St., Worcester, Mass.

Pfeiffer, Oscar Joseph . . . . . East Surg. 1884
521 Colfax Ave., Denver, Colo.

Phillips, Jerrie Knowlton . . . . . West Surg. 1886
Died 1899.

Phippen, Hardy . . . . . East Surg. 1889
84 Washington Sq., Salem, Mass.

Phippen, Walter Gray . . . . . South Surg. 1906
31 Chestnut St., Salem, Mass.

Pierce, George Burgess . . . . . West Surg. 1900
178 Devonshire St., Boston.

Pierson, Edward Brooks . . . . . Surg. 1842
Died 1874.

Pierson, Philip Hale . . . . . East Med. 1915
1721 Pacific St., San Francisco, Cal.

Porter, Charles Allen . . . . . East Surg. 1893
116 Beacon St., Boston.

Porter, Charles Burnham . . . . . West Surg. 1864
Died 1909.

Porter, Francis Edward . . . . . Surg. 1872
409 Auburn St., Auburndale, Mass.

Post, Abner . . . . . Surg. 1869
16 Newbury St., Boston.

Potter, Alexander Carleton . . . . . South Surg. 1900
522 Commonwealth Ave., Boston.

Potter, Nathaniel Bowditch . . . . . East Med. 1898
591 Park Ave., New York City.

Pratt, Calvin . . . . . Surg. 1865
South St., Bridgewater, Mass.

Pratt, Herbert James . . . . . Med. 1867
Died 1915.

Pratt, John Washburn . . . . . West Surg. 1886
Dedham, Mass.

Prescott, Henry Dudley '98 . . . . East Surg. 1904
176 William St., New Bedford, Mass.

Putnam, Charles Pickering . . . . Med. 1868
Died 1914.

Putnam, Charles Russell Lowell '91 . . South Surg. 1895
121 East 38th St., New York City.

Putnam, James Jackson 66 . . . . Med. 1869
106 Marlboro St., Boston.

Quinby, William Carter '97 . . . . East Surg. 1903
Peter Bent Brigham Hospital, Boston.

Quincy, Henry Parker . . . . . Surg. 1866
Died 1899.

Rackemann, Francis Minot '09. . . . East Med. 1914
263 Beacon St., Boston.

Ragle, Benjamin Harrison . ? . . . . East Med. 1917
35 Bay State Rd., Boston.

Ray, Benjamin Lincoln . . . . . Med. 1858
Died 1879.

Reggio, André William '08 . . . . West Surg. 1914
286 Beacon St., Boston.

Reynolds, Edward ? 1 . . . . . East Surg. 1885
321 Dartmouth St., Boston.

Reynolds, John Phillips . . . . . Med. 1851
Died 1909.

Reynolds, Joseph . . . . . Apothecary 1825
Died 1872.

Rice, Alexander Hamilton . '98. . . . East Surg. 1905
688 Boylston St., Boston.

Richards, Dexter Newell m'11. . . . East Surg. 1912
475 Geary St., San Francisco, Cal.

Richardson, Edward Pierson '02. . . East Surg. 1907
224 Beacon St., Boston.

Richardson, Mark Wyman 89. . . . West Med. 1895
Room 23, 67 Milk St., Boston.

Richardson, Maurice Howe . . . . East Surg. 1877
Died 1912.

Richardson, William Lambert 64 . . Med. 1866
225 Commonwealth Ave., Boston.

Riley, Augustus m'07 . . . . . South Surg. 1909
857 Beacon St., Boston.

Risley, Edward Hammond m'06. . . East Surg. 1908
520 Commonwealth Ave., Boston.

Robbins, Chandler . 99 . . . . . South Surg. 1905
355 Marlboro St., Boston.

Robertson, Oswald Hope . . . . . West Med. 1914
2744 Dohr St., Berkeley, Cal.

Robinson, Carl Merrill m'11 . . . . West Surg. 1913
660 Congress St., Portland, Maine.

Robinson, Samuel . . . . . South Surg. 1902
Mayo Clinic, Rochester, Minn.

Robinson, Samuel Quincy . . . . . Surg. 1876
Died 1899.

Rockey, Eugene Watson . . . . . East Surg. 1914
Electric Bldg., Portland, Ore.

Rogers, Orville Forrest, Jr. . . . . West Med. 1913
90 High St., New Haven, Conn.

Ropes, Francis Codman . . . . . Surg. 1859
Died 1869.

Rotch, Thomas Morgan . . . . . West Med. 1874
Died 1914.

Sabine, George Kraus . . . . . Surg. 1872
30 Irving St., Brookline, Mass.

Sadler, Roy Angelo . . . . . East Med. 1909
652 Massachusetts Ave., Boston.

Salisbury, Stephen . . . . . Surg. 1834
Died 1875.

Sanford, Henry Lindsay . . . . . East Surg. 1901
Osborn Bldg., Cleveland, Ohio.

Sargent, Joseph . . . . . Med. 1837
Died 1888.

Sargent, Lucius Manlius . . . . . Surg. 1855
Died 1864.

Sawyer, Albert Franklin . . . . . Surg. 1851
Died 1903.

Sawyer, Wilbur Augustus . . . . . West Med. 1908
3123 T St., Sacramento, Cal.

Sayward, William Henry, Jr. . . . . West Med. 1900
Wayland, Mass.

Schnack, Adolph George . . . . . East Med. 1917
Honolulu, Hawaii.

Scholl, Albert John, Jr. . . . . East Surg. 1917
1336 S. Main St., Los Angeles, Cal.

Schram, Charles . . . . . West Med. 1886
52 East 82d St., New York City.

Schwartz, Abraham Bernard . . . . Child. Med. 1914
Room 410, Goldsmith Bldg., Milwaukee, Wis.

Scott, Zaccheus Roscoe . . . . . Child. Med. 1915
Dravosburg, Pa.

Scudder, Charles Locke . . . . . East Surg. 1889
209 Beacon St., Boston.

Scudder, Gardiner Hubbard . . . . West Med. 1896
Died 1896.

Sears, George Gray . . . . . West Med. 1885
426 Beacon St., Boston.

Seaverns, Joel . . . . . Med. 1853
Died 1894.

Seelye, Ralph Holland . . . . . East Surg. 1891
73 Chestnut St., Springfield, Mass.

Seelye, Walter Clark . . . . . West Surg. 1900
66 William St., Worcester, Mass.

Sewall, John Gallison . . . . . Med. 1847
Died 1872.

Shattuck, Frederick Cheever . . . . Med. 1872
135 Marlboro St., Boston.

Shattuck, George Cheever . . . . . East Med. 1906
205 Beacon St., Boston.

Shaw, Henry Alden . . . . . West Surg. 1891
Lieutenant Colonel, Medical Corps, United States Army.

Sheahan, George Maurice . . . . . West Surg. 1908
12 School St., Quincy, Mass.

Sheldon, Russell Firth . . . . . East Surg. 1912
31 Pinckney St., Boston.

Sherman, Thomas Foster . . . . . West Med. 1881
Died 1893.

Sherrick, Joseph Leslie . . . . . West Med. 1915
317 East Broadway, Monmouth, Ill.

Sibley, Benjamin Ernest . . . . . South Surg. 1906
1732 Beacon St., Brookline, Mass.

Silverman, Abraham Clement . . . . Child. Med. 1917
College of Medicine, Syracuse University, Syracuse, N. Y.

Simmons, Channing Chamberlain . . . . East Surg. 1900
317 Marlboro St., Boston.

Sinclair, Alexander Doull . . . . . Med. 1856
Died 1911.

Sisson, Warren Richards . . . . . Child. Med. 1912
329 Beacon St., Boston.

Slade, Daniel Denison . . . . . Surg. 1848
Died 1896.

Smith, George Gilbert . . . . . West Surg. 1909
99 Commonwealth Ave., Boston.

Smith, Harold Wellington . . . . . South Surg. 1903
P. A. S., Lieut., United States Navy.

Smith, Hervey Lewis . . . . . West Med. 1907
249 Union St., Springfield, Mass.

Smith, Ira St. Clair . . . . . Surg. 1868
Died 1891.

Smith, Richard Mason . . . . . West Med. 1909
329 Beacon St., Boston.

Smith, William David . . . . . West Med. 1913
99 Commonwealth Ave., Boston.

Smith, William Henry . . . . . West Med. 1897
8 Marlboro St., Boston.

Smith, William Lord . . . . . West Surg. 1892
2 Newbury St., Boston.

Smith-Petersen, Marius Nygaard . . . Orthop. 1916
232 Bay State Rd., Boston.

Sowles, Horace Kennedy . . . . West Surg. 1917
Massachusetts General Hospital.

Spalding, Roger . . . . . East Med. 1902
Duxbury, Mass.

Sparhawk, Thomas . . . . . Med. 1831
Died 1874.

Spear, Louis Mahlon . . . . . East Med. 1906
483 Beacon St., Boston.

Spooner, Lesley Hinckley . . . . East Med. 1909
260 Clarendon St., Boston.

Sprague, Richard . . . . . West Surg. 1888
Died 1892.

Sprague, Russell Bradford . . . . Orthop. 1911
520 Commonwealth Ave., Boston.

Stearns, John . . . . . Surg. 1859
Died 1898.

Stearns, Thornton . . . . . East Surg. 1913
Tsinan-fu, China.

Stearns, Thornton . . . . . Orthop. 1914
Tsinan-fu, China.

Stedman, Charles Ellery . . . . . Surg. 1854
Died 1909.

Stedman, George . . . . . West Surg. 1875
1069 Boylston St., Boston.

Stedman, Henry Rust . . . . . East Surg. 1874
48 Beacon St., Boston.

Steenberg, Donald Benjamin . . . . East Surg. 1915
Aurora, Neb.

Stern, Newton Samuel . . . . . East Med. 1917
658 Poplar Ave., Memphis, Tenn.

Stevens, Harold Wentworth . . . . Child. Med. 1914
Saco, Maine.

Stevens, Harold Wentworth . . . . East Med. 1916
Saco, Maine.

Stevens, Horace Paine . . . . . West Surg. 1907
1 Waterhouse St., Cambridge, Mass.

Stevens, Lewis Tebbets . . . . . West Med. 1887
Died 1898.

Stickney, Josiah Henry . . . . . Surg. 1857
Died 1901.

Stone, Arthur Kingsbury . . . . . West Surg. 1888
44 Fairfield St., Boston.

Stone, James Savage . . . . . East Surg. 1894
234 Marlboro St., Boston.

Storer, Malcolm . . . . . East Surg. 1890
476 Boylston St., Boston.

Stowell, Edmund Channing . . . East Med. 1893
Marlboro, N. H.

Strauss, Arthur Edgar . . . . . East Med. 1916
6147 McPherson Ave., St. Louis, Mo.

Strong, Charles Pratt . . . . . West Surg. 1881
Died 1893.

Sturgis, Frederick Russell . . . Surg. 1866
530 Fifth Ave., New York City.

Sutter, Loe Albright . . . . . Dermatolog. 1913
Wichita, Kan.

Swaim, Loring Tiffany . . . . . West Surg. 1912
372 Marlboro St., Boston.

Swain, Howard Townsend . . . . East Surg. 1898
226 Commonwealth Ave., Boston.

Swain, Howard Townsend . . . . West Med. 1899
226 Commonwealth Ave., Boston.

Swan, Charles Walter . . . . . Med. 1863
19 Elm St., Branford, Conn.

Swan, William Donnison . . . . . East Surg. 1886
167 Brattle St., Cambridge, Mass.

Sweet, Clifford Daniel . . . . . Child. Med. 1913
710 Griffith McKenzie Building, Fresno, Cal.

Swett, Samuel . . . . . Surg. 1831
Died 1866.

Swift, John Baker, Jr. . . . . South Surg. 1909
419 Beacon St., Boston.

Swift, William Nye . . . . . East Med. 1881
Died 1911.

Talbot, Fritz Bradley . . . . . East Med. 1907
311 Beacon St., Boston.

Talbot, John Edward . . . . . East Med. 1914
9 Elm St., Worcester, Mass.

Tarbell, George Grosvenor . . . . . Surg. 1864
Died 1900.

Taylor, Frederick Weston . . . . . East Med. 1882
1735 Massachusetts Ave., N. Cambridge, Mass.

Taylor, John Houghton . . . . . East Med. 1917
1735 Massachusetts Ave., N. Cambridge, Mass.

Temple, William Franklin, Jr. . . . West Surg. 1913
377 Beacon St., Boston.

Thaxter, Langdon Thom . . . . . East Med. 1916
306 Spring St., Portland, Maine.

Thayer, William Henry . . . . . Med. 1842
Died 1897.

Thayer, William Sydney . . . . . West Med. 1889
406 Cathedral St., Baltimore, Md.

Thomas, Henry Malcolm, Jr. . . . . West Med. 1917
1228 Madison Ave., Baltimore, Md.

Thomas, Thomas Kemble . . . . . Surg. 1830
Died 1863.

Thompson, Frederick Henry . . . . Surg. 1869
3 Pleasant St., Fitchburg, Mass.

Thorndike, Augustus . . . . . West Surg. 1889
601 Beacon St., Boston.

Thorndike, William . . . . . Surg. 1856
Died 1884.

Thorndike, William Henry . . . . Surg. 1848
Died 1884.

Tilden, George Horton . . . . . East Surg. 1876
Died 1916.

Tileston, Wilder . . . . . East Med. 1900
424 Temple St., New Haven, Conn.

Tobey, James Edwin . . . . . Surg. 1871
Died 1891.

Toppan, Roland Lesley . . . . . South Surg. 1910
140 High St., Newburyport, Mass.

Torbert, James Rockwell . . . . . East Surg. 1902
252 Marlboro St., Boston.

Tower, Charles Carroll . . . . . Med. 1858
Died 1893.

Townsend, Charles Wendell . . . . East Med. 1886
76 Marlboro St., Boston.

Townsend, William Edward . . . . Surg. 1843
Died 1866.

Tuck, Henry . . . . . Surg. 1833
Died 1845.

Tuck, Henry . . . . . Med. 1866
Died 1904.

Van Nüys, Fresenius . . . . . East Med. 1907
Central Ave., Weston, Mass.

Van Stone, Leonard Mathews . . . . West Med. 1917
227 Aspinwall Ave., Brookline, Mass.

Vaughn, Charles Everett . . . . . Med. 1862
Died 1904.

Vickery, Eugene Augustus . . . . . West Surg. 1904
P. A. S., Lieut., United States Navy.

Vickery, Herman Frank . . . . . West Med. 1882
26 Chestnut St., Brookline, Mass.

Vincent, Beth . . . . . West Surg. 1903
295 Beacon St., Boston.

Vose, Robert Henry . . . . . East Surg. 1897
443 Beacon St., Boston.

Wadsworth, Oliver Fairfield . . . . Med. 1863
Died 1911.

Wadsworth, Richard Goodwin . . . South Surg. 1901
522 Commonwealth Ave., Boston.

Wakefield, Alley Talbot . . . . . West Surg. 1883
Died 1886.

Walcott, William Walter . . . . South Surg. 1906
32 West Central St., Natick, Mass.

Walker, Melvin Harvey, Jr. . . . . East Surg. 1914
34 Fenn St., Pittsfield, Mass.

Warren, Charles Fletcher . . . . West Surg. 1915
49 Gloucester St., Boston.

Warren, Hobart Endicott . . . . . East Surg. 1894
Main St., Ashburnham, Mass.

Warren, John Collins . . . . . Surg. 1865
58 Beacon St., Boston.

Washburn, Frederic Augustus . . . South Surg. 1897
Massachusetts General Hospital.

Waterman, George Arthur . . . . West Med. 1901
410 Beacon St., Boston.

Waterman, Thomas . . . . . Surg. 1867
Died 1901.

Watson, Francis Sedgewick . . . . East Surg. 1879
92 Marlboro St., Boston.

Webster, Fred Patterson . . . . . West Med. 1902
12 Pine St., Portland, Maine.

Webster, Harrison Briggs . . . . . East Surg. 1910
Castine, Maine.

Weis, Joseph Deutsch . . . . . West Med. 1899
1448 Jackson Avè., New Orleans, La.

Wells, Charles Edward . . . . . Orthop. 1910
374 Marlboro St., Boston.

West, George Webb . . . . . West Surg. 1879
Died 1897.

Wheeler, Alfred Augustus . . . . South Surg. 1894
48 Mt. Pleasant St., Leominster, Mass.

Wheeler, John Brooks . . . . . East Surg. 1879
210 Pearl St., Burlington, Vt.

Wheeler, Leonard . . . . . Med. 1869
12 Chestnut St., Worcester, Mass.

Whipple, Jeremiah . . . . . Med. 1865
Died 1871.

White, Franklin Warren . . . . . East Med. 1896
322 Marlboro St., Boston.

White, James Clark . . . . . Med. 1855
Died 1916.

White, John Lane . . . . . Med. 1854
Died 1902.

White, Paul Dudley . . . . . Child. Med. 1911
151 Humboldt Ave., Roxbury, Mass.

White, Paul Dudley . . . . . West Med. 1913
151 Humboldt Ave., Roxbury, Mass.

Whiteside, George Shattuck . . . . . West Surg. 1898
Journal Bldg., Portland, Ore.

Whitney, James Lyman . . . . . West Med. 1906
240 Stockton St., San Francisco, Cal.

Whitney, William Fiske . . . . . West Med. 1875
228 Marlboro St., Boston.

Whittemore, James Madison . . . . Apothecary 1822
Died 1863.

Whittemore, William Stewart . . . . South Surg. 1910
39 Brattle St., Cambridge, Mass.

Whittemore, Wyman . . . . . West Surg. 1906
330 Dartmouth St., Boston.

Whittier, Edward Newton . . . . . Med. 1868
Died 1902.

Willard, Josiah Newell . . . . . Med. 1859
Died 1870.

Willard, Robert . . . . . Med. 1862
Died 1892.

Williams, Hugh . . . . . West Surg. 1899
301 Beacon St., Boston.

Wilson, John Cree . . . . . Orthop. 1917
810 Brockman Bldg., Los Angeles, Cal.

Wilson, Philip Duncan . . . . . East Surg. 1914
594 E. Town St., Columbus, Ohio.

Winn, William Adams . . . . . East Surg. 1876
Died 1889.

Winslow, Fred Bradlee . . . . . South Surg. 1901
275 Clarendon St., Boston.

Witherle, Charles Bryant . . . . . West Surg. 1881
21 Deering St., Portland, Maine.

Wood, Edward Stickney . . . . . Surg. 1870
Died 1905.

Wood, James Augustus . . . . . Child. Med. 1915
Yankton, S. Dakota.

Wood, William Almon . . . . . Child. Med. 1916
201 Alta Vista Bldg., Berkeley, Cal.

Woodbury, Frederick Clinton . . . . East Med. 1886
Died 1886.

Woodbury, Willard Porter . . . . . East Surg. 1908
Died 1910.

Workman, William Hunter . . . . Med. 1871
Worcester, Mass.

Wright, Wade Stanley . . . . . West Med. 1916
98 Pinckney St., Boston.

Wyman, Morrill . . . . . Med. 1836
Died 1903.

Yost, Jno. Dixon . . . . . East Surg. 1898
417 Montgomery St., San Francisco, Cal.

Young, Edward Lorraine, Jr. . . . . West Surg. 1910
99 Commonwealth Ave., Boston.

Young, Ernest Boyen . . . . . West Surg. 1897
434 Marlboro Street, Boston.

Young, James Herbert . . . . . West Med. 1908
19 Baldwin St., Newton, Mass.

LIST OF HOUSE PHYSICIANS AND SURGEONS.

Morse, George W	East Surg. . .	1911–1912
Cutler, George David . . .	West Surg. . .	1912–1913
Leland, George Adams, Jr. .	East Surg. . .	1912–1915
Crabtree, Harvard Hersey .	West Surg. . .	1913–1914
Palmer, Walter Walker . .	East Med. . .	1913–1915
Crabtree, Ernest Granville .	Genito-Urinary .	1913–1915
Coller, Frederick Amasa . .	West Surg. . .	1914–1915
White, Paul Dudley . . .	West Med. . .	1914–1917
Harrison, Paul Wilberforce .	Genito-Urinary .	1915
Cutler, Elliott Carr	West Surg. . .	1915–1916
Morton, John Jamieson . .	East Surg. . .	1915–1916
Rogers, Orville Forrest, Jr. .	East Med. . .	1915–1916
Aub, Joseph Charles . . .	East Med. . . .	1916–1917
Hatch, Floyd Frost . . .	East Surg. . .	1916–1917
Hodgson, John Sprague . .	West Surg. . .	1916
Horrax, Gilbert	West Surg. . .	1916–1917
Crabtree, Harvard Hersey .	Genito-Urinary .	1916–
Packard, George Byron, Jr. .	East Surg. . .	1917
Sowles, Horace Kennedy . .	West Surg. . .	1917–

OFFICERS OF THE INSTITUTION, 1918

President.

HENRY P. WALCOTT, M.D.

Vice-President.

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Secretary.

JOHN A. BLANCHARD, 262 Washington Street.

Trustees.

1892 HENRY P. WALCOTT, M.D., *Chairman*, 11 Waterhouse Street, Cambridge, Mass.
1896 GEORGE WIGGLESWORTH, 53 State Street, Room 1004.
1898 MOSES WILLIAMS, 126 State Street.
1902 FRANCIS HENRY APPLETON, 251 Marlborough Street.
1902 CHARLES H. W. FOSTER, 50 State Street.
1903 CHARLES P. GREENOUGH, 262 Washington Street.
1910 NATHANIEL T. KIDDER, Milton, Mass.
1910 JOHN LOWELL, 38 Equitable Building, 67 Milk Street.
1912 *JOSEPH H. O'NEIL, Federal Trust Company, 85 Devonshire Street
1915 *PHILIP L. SALTONSTALL, 53 State Street.
1916 *MRS. NATHANIEL THAYER, 22 Fairfield Street.
1917 *WILLIAM ENDICOTT, 115 Devonshire Street.

Administrator.

FREDERIC A. WASHBURN, M.D.
(Absent on war service)

Acting Administrator.

JOSEPH B. HOWLAND, M.D.

Assistant Treasurer.

CHARLES BREWER.

*Appointed by the Governor of the Commonwealth.

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EDWARD COWLES, M.D.
JOHN COLLINS WARREN, M.D.
JOHN W. ELLIOT, M.D.
GEORGE L. WALTON, M.D.
ELBRIDGE G. CUTLER, M.D.
WILLIAM W. GANNETT, M.D.
JAMES J. MINOT, M.D.
FREDERICK C. SHATTUCK, M.D.
JAMES J. PUTNAM, M.D.
JOHN T. BOWEN, M.D.
WILLIAM M. CONANT, M.D.
SAMUEL J. MIXTER, M.D.
HERMAN F. VICKERY, M.D.

STANDING COMMITTEES OF THE TRUSTEES

General Hospital

MESSRS. WIGGLESWORTH, WALCOTT, FOSTER, SALTONSTALL, MRS. THAYER, and MR. ENDICOTT.

SUB-COMMITTEES.

Accounts and Expenditures.

MESSRS. WIGGLESWORTH and FOSTER.

Buildings and Repairs.

MESSRS. SALTONSTALL and FOSTER.

General Library and Warren Fund.

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Dalton Scholarships.

MESSRS. SALTONSTALL and WALCOTT.

McLean Hospital

MESSRS. APPLETON, WILLIAMS, LOWELL, WIGGLESWORTH, GREENOUGH, and MRS. THAYER.

SUB-COMMITTEES.

Accounts and Expenditures.

MESSRS. WILLIAMS and LOWELL.

Admitting Patients.

MESSRS. APPLETON and GREENOUGH.

Recreation, Employment, and Library.

MR. APPLETON and MRS. THAYER.

Buildings and Repairs.

MR. LOWELL and MRS. THAYER.

Out-Patient Department

MESSRS. GREENOUGH, APPLETON, KIDDER, WALCOTT, O'NEIL and SALTONSTALL.

SUB-COMMITTEES.

Accounts and Expenditures.

MESSRS. APPLETON and O'NEIL.

Buildings and Repairs.

MESSRS. KIDDER and SALTONSTALL.

Consultation Clinic.

MESSRS. WALCOTT and GREENOUGH.

Phillips House

MESSRS. LOWELL, KIDDER, and FOSTER.

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MESSRS. WILLIAMS, ENDICOTT, O'NEIL and WIGGLESWORTH.

Book of Donations

MR. WIGGLESWORTH.

Nominations

MESSRS. WIGGLESWORTH, WILLIAMS, and WALCOTT.

General Hospital Training School for Nurses

MRS. THAYER and MESSRS. WALCOTT and APPLETON.

Ether Day

MESSRS. WALCOTT, WILLIAMS, and GREENOUGH.

Legal Affairs

MESSRS. GREENOUGH, WILLIAMS, and LOWELL.

VISITING COMMITTEES

1918

March and September.

MESSRS. WALCOTT and GREENOUGH.

April and October.

MESSRS. WILLIAMS and LOWELL.

May and November.

MESSRS. KIDDER and SALTONSTALL.

June and December.

MR. O'NEIL and MRS. THAYER.

July.

MESSRS. WIGGLESWORTH and ENDICOTT.

August.

MESSRS. APPLETON and FOSTER.

1919

January.

MESSRS. WIGGLESWORTH and ENDICOTT.

February.

MESSRS. APPLETON and FOSTER.

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MISS J. L. MOTLEY, *Chairman*, Chestnut Hill.
MRS. HENRY H. SPRAGUE, *Secretary*, 33 Fairfield Street.
MRS. JOHN LOWELL, *Treasurer*, 24 Commonwealth Avenue.
MRS. JOHN S. AMES, 3 Commonwealth Avenue.
MRS. HARCOURT AMORY, 293 Beacon Street.
MRS. FRANCIS H. APPLETON, JR., 451 Marlboro Street.
MRS. JEFFREY R. BRACKETT, 41 Marlboro Street.
MRS. J. DUDLEY CLARK, 32 Hereford Street.
MRS. CHARLES A. COOLIDGE, 82 Marlboro Street.
MRS. HAROLD J. COOLIDGE, 303 Berkeley Street.
MRS. LINCOLN DAVIS, 217 Beacon Street.

Miss Elizabeth Gray, 133 Marlboro Street.
Mrs. Richard W. Hale, Needham, Mass.
Mrs. Arthur D. Hill, 17 Brimmer Street.
Mrs. A. Lawrence Hopkins, 46 Commonwealth Avenue.
Miss Ella L. Lyman, 57 Marlboro Street.
Mrs. William Jason Mixter, 42 Fairfield Street.
Mrs. Robert S. Russell, 20 Commonwealth Avenue.
Miss Grace Stackpole, 395 Beacon Street.
Mrs. C. S. Tuckerman, 201 Bay State Road.
Miss A. N. Ward, 304 Marlboro Street.

General.

Mrs. William T. Councilman, 78 Bay State Road.
Mrs. George P. Denny, 285 Marlboro Street.
Mrs. John C. Gray, 176 Beacon Street.
Mrs. Charles P. Greenough, 45 Carlton Street, Longwood.
Mrs. William Lawrence, 122 Commonwealth Avenue.
Mrs. John H. Morison, 44 Brimmer Street.

OFFICERS OF THE GENERAL HOSPITAL

Resident Physician.

Frederic A. Washburn, M.D.
(Absent on war service)

Acting Resident Physician.

Joseph B. Howland, M.D.

Assistant Resident Physicians.

Harold W. Hersey, M.D.
Charles E. Wells, M.D.
Edwin L. Cleaves

Executive Assistants.

Edna H. Harrison.

MEDICAL DEPARTMENT

Chief of East Medical Service.

David L. Edsall, M.D.

Chief of West Medical Service.

RICHARD C. CABOT, M.D.
(Absent on war service)

Chief of Children's Medical Service.

FRITZ B. TALBOT, M.D.

Consultant in Syphilis.

ABNER POST, M.D.

Chief of Syphilis Department.

C. MORTON SMITH, M.D.

Chief of Sub-Department of Tropical Medicine.

RICHARD P. STRONG, M.D.
(Absent on war service)

Visiting Physicians.

WILLIAM H. SMITH, M.D. FREDERICK T. LORD, M.D.
ROGER I. LEE, M.D.
(Absent on war service)

Visiting Physician to the Children's Medical Department.

RICHARD M. SMITH, M.D.

Associate in Medicine.

JAMES H. MEANS, M.D.
(Absent on war service)

Assistant Visiting Physicians.

HENRY F. HEWES, M.D. JOHN B. HAWES, 2d, M.D.
GEORGE S. C. BADGER, M.D. GEORGE C. SHATTUCK, M.D.
(Absent on war service)

Physicians to Out-Patients.

LOUIS G. MEAD, M.D. HARRY LINENTHAL, M.D.
THEODORE J. EASTMAN, M.D. GERALD BLAKE, M.D.
LESLEY H. SPOONER, M.D. WILLIAM B. ROBBINS, M.D.
(Absent on war service)

Physicians to the Children's Medical Out-Patient Department.

J. HERBERT YOUNG, M.D. WILLIAM R. P. EMERSON, M.D.
RICHARD S. EUSTIS, M.D. ARTHUR A. HOWARD, M.D.
WARREN R. SISSON, M.D.

Assistant Physicians to Out-Patients.

A. Everett Austin, M.D.
(Absent on war service)
Gerardo M. Balboni, M.D.
P. Challis Bartlett, M.D.
F. Gorham Brigham, M.D.
Roger P. Dawson, M.D.
Henry S. Forbes, M.D.
(Absent on war service)
George S. Hill, M.D.
Donald Macomber., M.D.
(Absent on war service)
Louis Mendelsohn, M.D.
Hyman Morrison, M.D.
Clarence E. Ordway, M.D.
Benjamin H. Ragle, M.D.
William D. Reid, M.D.
(Absent on war service)
Malcolm Seymour, M.D.
William W. Walcott, M.D.
(Absent on war service)

Assistant Physicians to the Children's Medical Out-Patient Department.

Oliver E. Bixby, M.D.
Michele Nigro, M.D.
George Jackson Hill, M.D.

Assistant Physicians to the Syphilis Out-Patient Department.

George A. Dix, M.D.
Henry D. Lloyd, M.D.
William D. Smith, M.D.

Medical Assistant in Industrial Diseases.

Wade S. Wright, M.D.
(Absent on war service)

Assistants.

George R. Minot, M.D.
A. Watson Sellards, M.D.
Francis M. Rackemann, M.D.
Austin W. Cheever, M.D.
Edward S. O'Keefe, M.D.
†Arthur P. Chadbourne, M.D.

House Physicians.

House Physician to the Children's Medical Department.

SURGICAL DEPARTMENT

Chief of East Surgical Service.

Charles L. Scudder, M.D.

†Temporary appointment.

Chief of West Surgical Service.

CHARLES A. PORTER, M.D.

Chief of Orthopedic Service.

ELLIOTT G. BRACKETT, M.D.
(Absent on war service)

Chief of Genito-Urinary Service.

HUGH CABOT, M.D.
(Absent on war service)

Chief of Department of Anæsthesia.

FREEMAN ALLEN, M.D.

Visiting Surgeons.

FRANKLIN G. BALCH, M.D.
GEORGE W. W. BREWSTER, M.D.
ROBERT B. GREENOUGH, M.D.
(Absent on war service)
DANIEL F. JONES, M.D.

Associate Surgeons.

HUGH WILLIAMS, M.D.
LINCOLN DAVIS, M.D.
(Absent on war service)

Assistant Visiting Surgeons.

CHANNING C. SIMMONS, M.D.
BETH VINCENT, M.D.
(Absent on war service)

Visiting Orthopedic Surgeon.

ROBERT B. OSGOOD, M.D.
(Absent on war service)

Assistant Visiting Orthopedic Surgeons.

Z. B. ADAMS, M.D.
(Absent on war service)
MARK H. ROGERS, M.D.
(Absent on war service)
C. HERMANN BUCHOLZ, M.D.
†CHARLES F. PAINTER, M.D.

Surgeons to Out-Patients.

EDWARD P. RICHARDSON, M.D.
WYMAN WHITTEMORE, M.D.
RICHARD H. MILLER, M.D.
(Absent on war service)
W. JASON MIXTER, M.D.
(Absent on war service)

Orthopedic Surgeons to Out-Patients.

HARRY C. LOW, M.D.
LLOYD T. BROWN, M.D.
MURRAY S. DANFORTH, M.D.
(Absent on war service)
LOUIS A. O. GODDU, M.D.
HERMAN W. MARSHALL, M.D.
†ANDREW P. CORNWALL, M.D.

†Temporary appointment.

Genito-Urinary Surgeons to Out-Patients.

J. Dellinger Barney, M.D. Richard F. O'Neil, M.D.
(Absent on war service)
George G. Smith, M.D.
Edward L. Young, Jr., M.D.

Assistant Surgeons to Out-Patients.

Arthur W. Allen, M.D.
(Absent on war service)
George D. Cutler, M.D.
James M. Gallison, M.D.
Torr W. Harmer, M.D.
(Absent on war service)
George A. Leland, Jr., M.D.
(Absent on war service)
John M. Little, Jr., M.D.
Henry C. Marble, M.D.
(Absent on war service)
Frank W. Marvin, M.D.
(Absent on war service)
George W Morse, M.D.
André W. Reggio, M.D.
Edward H. Risley, M.D.
†John W. Cummin, M.D.
†William P. Coues, M.D.
†Robert H. Vose, M.D.
†George O. Clark, M.D.
†Seabury W. Allen, M.D.

Assistant Genito-Urinary Surgeon to Out-Patients.

E. Granville Crabtree, M.D.
(Absent on war service)

Assistants.

Lewis P. Felch, M.D.
Oscar R. T. L'Esperance, M.D.
Victor I. Shapira, M.D.
Walter J. LaMarche, M.D.
James F. Boyd, M.D.
Marius N. Smith-Petersen, M.D.

House Surgeons.

Horace K. Sowles, M.D.
William A. Perkins, M.D.

House Surgeon to Genito-Urinary Department.

Harvard H. Crabtree, M.D.

DERMATOLOGICAL DEPARTMENT

Dermatologists.

Charles J. White, M.D.
Harvey P. Towle, M.D.

Associate Dermatologist.

Frederick S. Burns, M.D.

†Temporary appointment.

Assistant Dermatologists.

E. Lawrence Oliver, M.D.
(Absent on war service)

John H. Bufford, M.D.
J. Harper Blaisdell, M.D.

Loretta Cummins 3 hy 18

Assistant.

Loretta Joy Cummins, M.D.

NEUROLOGICAL DEPARTMENT

Chief of Service.

Edward W. Taylor, M.D.

Neurologists.

Walter E. Paul, M.D.

James B. Ayer, M.D.

Assistant Neurologists.

George Clymer, M.D.
(Absent on war service)

Sidney A. Lord, M.D.

Assistants.

Frederic B. M. Cady, M.D.
(Absent on war service)

Harold B. Eaton, M.D.
(Absent on war service)

Charles A. McDonald, M.D.
Edwin L. Drowne, M.D.
Hale Powers, M.D.

Psychologist.

L. Eugene Emerson, Ph.D.

LARYNGOLOGICAL DEPARTMENT

Chief of Service.

Algernon Coolidge, M.D.

Laryngologists.

Harris P. Mosher, M.D.
(Absent on war service)

D. Crosby Greene, Jr., M.D.

†J. Payson Clark, M.D.

†Temporary appointment.

Assistant Laryngologists.

WILLIAM F. KNOWLES, M.D.
(Absent on war service)
HARRY A. BARNES, M.D.
FREDERICK E. GARLAND, M.D.
JOHN L. LOUGEE, M.D.
D. CAMPBELL SMYTH, M.D.
†CHANDLER ROBBINS, M.D.
†GEORGE L. TOBEY, JR., M.D.

Assistants.

WILLIAM J. HARKINS, M.D.
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EDWARDS W. HERMAN, M.D.
WALTER B. SWIFT, M.D.
JOSEPH L. GOODALE, M.D.
HAROLD G. TOBEY, M.D.
(Absent on war service)
JOHN A. TURNBULL, M.D.
ISABELLE D. KERR, M.D.
CHARLES T. PORTER, M.D.
(Absent on war service)
WILLIAM I. WIGGIN, M.D.

Dentist.

GEORGE H. WRIGHT, D.M.D.

Otologist.

D. HAROLD WALKER, M.D.

Assistant Otologist.

OLIVER A. LOTHROP, M.D.

Ophthalmologist.

ALEXANDER QUACKENBOSS, M.D.

Assistant Ophthalmologists.

ROBERT G. LORING, M.D.
GEORGE S. DERBY, M.D.
(Absent on war service)
RALPH A. HATCH, M.D.
(Absent on war service)

Obstetrician.

FRANKLIN S. NEWELL, M.D.

Consultant in Contagious Diseases.

EDWIN H. PLACE, M.D.

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Pathologist.

J. HOMER WRIGHT, M.D.

†Temporary appointment.

Surgical Pathologist.

HARRY F. HARTWELL, M.D.

Assistant Pathologist.

OSCAR RICHARDSON, M.D.

Chemist.

OTTO FOLIN, Ph.D.

Assistant Chemist.

WILLEY DENIS, Ph.D.

Assistant in Clinical Bacteriology.

ALBERT E. STEELE, M.D.

Roentgenologist.

GEORGE W. HOLMES, M.D.

Assistant Roentgenologist.

ADELBERT S. MERRILL, M.D.
(Absent on war service)

House Physician to the X-Ray Department.

HERMAN A. OSGOOD, M.D.

Dentist.

LEROY M. S. MINER, M.D., D.M.D.

Assistant Dentists.

JOSEPH A. RING, D.M.D. JOHN A. BREEN, D.M.D.

Out-Patient Dentists.

FRED R. BLUMENTHAL, D.M.D.
WILLIAM W. ANTHONY, D.M.D.
FRANCIS C. DURANT, D.M.D.
EVERETT C. HAM, D.M.D.
PHILIP H. MACINNIS, D.M.D.
MOSES J. EISENBERG, D.M.D.
THOMAS F. DEMPSEY, D.M.D.
SAMUEL GOLDBERG, D.M.D.

Medical House Pupils.

WILLIAM B. ADAMS.
LESLIE N. GAY.
FRANCIS C. HALL.
THOMAS E. BUCKMAN.
DERRIC C. PARMENTER.
BASIL B. JONES.
MARSHALL C. CHENEY.
THOMAS McC. MABON.
FRANK D. ADAMS.
REYBURN McCLELLAN.
THOMAS D. CUNNINGHAM.
LUDO VON MEYSENBUG.

Surgical House Pupils.

BRYANT D. WETHERELL.
THOMAS LANMAN.
CHARLES W. HUTCHINSON.
KEMP P. NEAL.
GEORGE L. CHAFFIN.
FRANCIS J. CALLANAN.
RUSSELL H. PATTERSON.
HAROLD C. BEAN.
JOHN N. SHIRLEY.
CURTICE ROSSER.
NEIL A. FOGG.
ROBERT B. SEABURY.
CARLETON W. BULLARD.
ERNEST M. DALAND.

House Pupils to Special Departments.

Orthopedic.

WAY SUN NEW.
EDWARD J. SAWYER.

Children's Medical.

JAMES H. PARK, JR.
ROBERT D. CURTIS.

Superintendent of Nurses.

SARA E. PARSONS.
(Absent on war service)

Acting Superintendent of Nurses.

HELEN WOOD.

Chief of Hospital Social Service.

IDA M. CANNON.

PHILLIPS HOUSE.

(Private Ward.)

Assistants to the Resident Physician.

PAULINE L. DOLLIVER.
LOUISE S. ZUTTER.
ANNIE L. LOUGHERY.

ADVISORY COMMITTEE

General Hospital Training School for Nurses

Dr. Henry P. Walcott, *Chairman.*
Dr. Frederic A. Washburn, *Resident Physician.*
Dr. Joseph B. Howland, *Acting Resident Physician.*
Miss Sara E. Parsons, *Superintendent of Nurses.*
Miss Helen Wood, *Acting Superintendent of Nurses.*

Dr. James J. Minot.
Dr. William H. Smith.
Dr. Daniel F. Jones.
Mrs. Nathaniel Thayer.
Mrs. William W. Vaughan.
Mrs. Herbert L. Burrell.
Mrs. Robert H. Gardiner.
Mrs. Henry F. Bigelow.
Miss Marion H. Fenno.
Mrs. Thomas Motley.
Mrs. Charles E. Mason.
Mrs. Freeman Allen.
Mrs. Hugh Cabot.
Mrs. G. Tappan Francis.
Miss Ella L. Lyman.
Mrs. Thomas Motley, Jr.

Mrs. Grace W. Myers, *Secretary.*

DALTON SCHOLARSHIPS

Two Scholarships with an income of Five Hundred Dollars each will be awarded not later than June 15, for the year beginning Sept. 15, 1918, to the candidates recommended by the General Executive Committee of the Massachusetts General Hospital and confirmed by the Trustees.

The holders of these Scholarships are required to do original work in subjects to be designated.

For particulars, apply to the Resident Physician,

MASSACHUSETTS GENERAL HOSPITAL,
Fruit Street, Boston.

See also page 75 of this Report

WARREN TRIENNIAL PRIZE

The Warren Triennial Prize was founded by the late Dr. J. Mason Warren in memory of his father, and his will provides that the accumulated interest of the fund shall be awarded every three years to the best dissertation, considered worthy of a premium, on some subject in Physiology, Surgery, or Pathological Anatomy, the arbitrators being the General Executive Committee of the Massachusetts General Hospital.

See page 76 of this Report

DR. JAMES H. MEA
MASSACHUSETTS GENERAL HOSPITAL
BOSTON

One Hundred and Fifth Annual Report

OF THE

TRUSTEES

OF THE

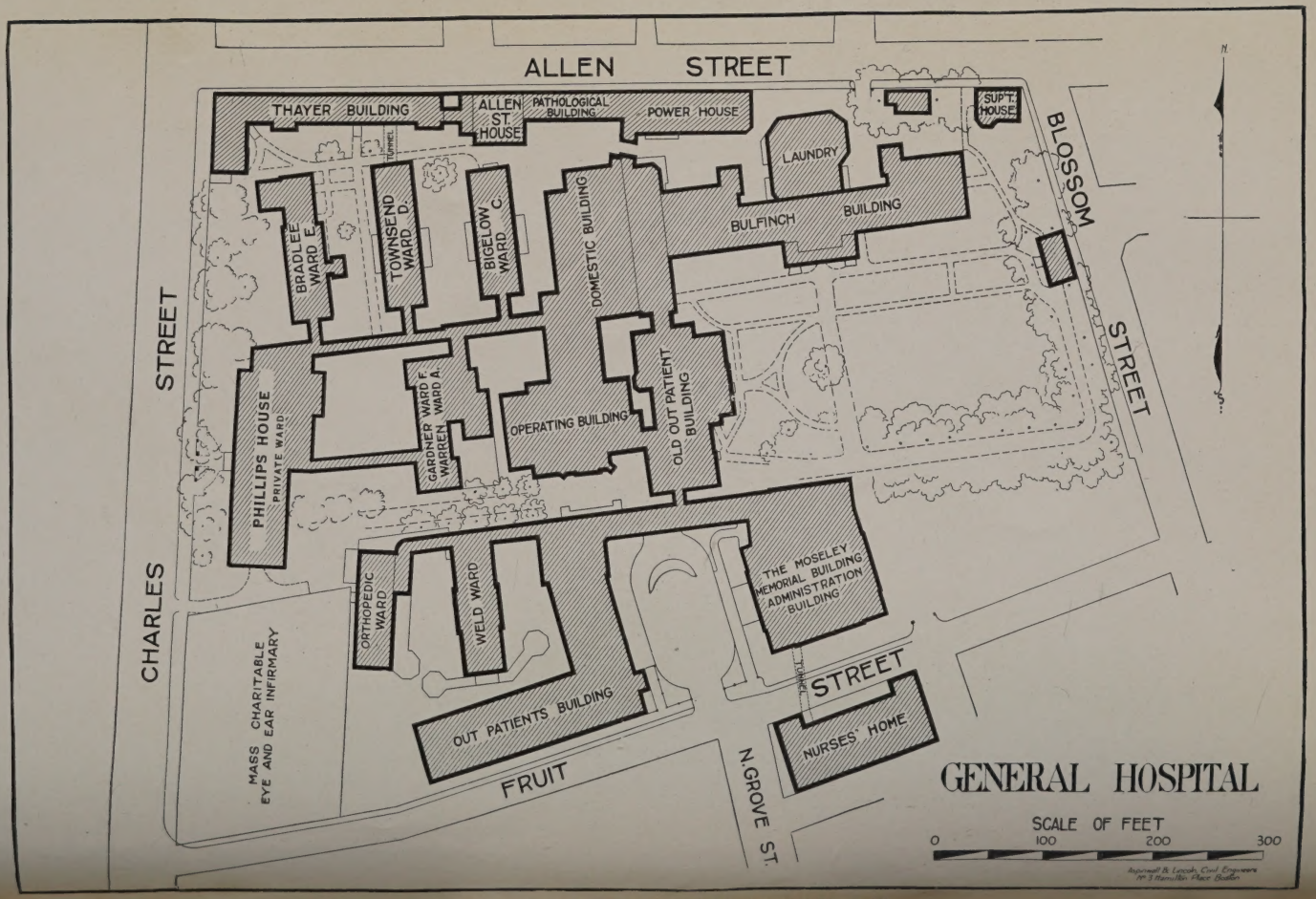
Massachusetts General Hospital

Including the General Hospital in Boston,
the McLean Hospital and the
Convalescent Hospital
in Waverley

1918

SECTION A

CAMBRIDGE
THE UNIVERSITY PRESS



PLAN OF GROUNDS, GENERAL HOSPITAL

NOTICE.

The annual report of the Massachusetts General Hospital is now published in two sections. Section B contains the report of the Trustees, the signed report of the Administrator, the report of the Executive Committee, and the medical and surgical tables of the General Hospital.

One Hundred and Fifth Annual Report

OF THE

TRUSTEES

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Massachusetts General Hospital

Including the General Hospital in Boston,
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Convalescent Hospital
in Waverley

1918

SECTION A

CAMBRIDGE
THE UNIVERSITY PRESS

The legal title of the Corporation is

"The Massachusetts General Hospital."

All gifts and bequests, if without restriction, will be used as the Trustees deem most for the interest of the Corporation and its Beneficiaries.

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THE ONE HUNDRED AND FIFTH ANNUAL REPORT FOR THE YEAR 1918

In behalf of the Trustees the following report upon the Massachusetts General Hospital is submitted.

The following votes of the Trustees, passed recently, record the conditions of this eventful year and the relations of the hospital thereto in a concise and heartfelt way, and we feel that they are a fitting opening to this report:

"Whereas the year 1918, in the annals of the Hospital, has been a critical one because of the depletion of its organization in war work, because of excessive costs of labor and materials, and especially through the prevalence of a serious epidemic of influenza,

"Now, therefore, be it *Voted:* That the Trustees wish to express their appreciation of the ability and the faithful and tireless devotion of the members of the Hospital organization through whose united and self-sacrificing efforts the Hospital has been able to pass with credit through this period of stress.

"*Voted:* That a copy of this vote be addressed to each individual of the organization who has participated in this good work."

Reference to other reports giving detailed figures of the operations of the hospital in 1918 will show that it has taken care of approximately the usual annual number of patients and lived within its means. These reports, too, will show how the hospital has done its share in caring for soldiers and sailors and especially what it did in the matter of caring for influenza patients.

The donations during the year amounted to the sum of $286,246.34, of which $159,437.42 was restricted and $126,808.92 was unrestricted. Among the donations and bequests was one for $100,000 from Mrs. Caroline L. Weld, to be known as the Charles Goddard

Weld Fund; one of $50,000 from Mrs. T. O. Richardson; bequest of George D. Dodd for $10,135; bequest of Richard Black Sewall for $25,000; bequest of Mary Rose Harris for $10,000; bequest of Moses Wildes for $20,104.16; donation of C. H. W. Foster for $10,000; donation of George Wigglesworth for $5000. A gift notable in the sentiment accompanying it was that of a Free Bed given by his partners in Lee, Higginson and Company to Henry L. Higginson on his fiftieth anniversary with the firm.

There has been one change in the Board of Trustees, for on May 31, 1918, the Secretary reported that the resignation of William Endicott had been accepted by His Excellency the Governor and that Thomas B. Gannett had been appointed Trustee to fill the vacancy. Mr. Endicott had accepted important positions in connection with war work in Europe.

On April 1 Walter S. Crane, Assistant Treasurer, after several years of faithful service, resigned to take a larger position, and Charles Brewer was elected to fill the position made vacant.

On February 6 Dr. Joseph H. Pratt, Assistant Visiting Physician, on April 18 Dr. Victor T. Shapira, Assistant in Surgery in the Out-Patient Department, May 3 Dr. Arthur K. Stone, Assistant Visiting Physician, November 1 Dr. Walter B. Swift, Assistant in the Laryngological Department, resigned and their resignations were accepted with the regrets of the Board. On October 1, Dr. Mary Wright was appointed House Officer to the Children's Medical Department and Dr. Wright holds the distinction of being the first woman appointed in this hospital to a house officer's position.

Dr. Benjamin H. Ragle was appointed the Dalton Scholar for 1918.

The Trustees regret to record the death on November 4, 1918, of Dr. James J. Putnam, a distinguished member of the Consultation Board. Dr. Putnam had

a long connection with the hospital. He was appointed Electrician and Physician to Out-Patients with Diseases of the Nervous System on June 18, 1872; Chief of Neurological Department in 1911; Consulting Physician on September 1, 1912.

At a meeting of the Trustees held on December 27, 1918, it was

Voted: To accept with sincere regret the resignation of Dr. George T. Tuttle as Medical Superintendent of the McLean Hospital to take effect April 1, 1919, and that the Chairman be requested to convey to Dr. Tuttle the appreciation of the Board for his long, valued and faithful service to the Hospital.

December 27, 1918, Dr. George R. Minot was appointed Dalton Scholar for 1919–20.

For reasons connected with war-time conditions, the usual annual Ether Day celebration was omitted.

In connection with the naming of the recently built ward, the "Phillips House," we enter herewith this extract from the Secretary's record: "The Board received from Dr. John Collins Warren the following extract from his father's diary of January 28, 1852. 'Left the Hospital at half past eleven and returned at twelve to attend the Annual Meeting of the Corporation . . . which gave occasion for me to remark that the first successful movement towards the formation of the Hospital was the result of a letter addressed to my father by Governor Phillips, in consequence of which he agreed to give $20,000. This letter was written at the request of Dr. James Jackson and myself.'"

The fundamental part of a Trustee's report is to chronicle the needs and hopes for the Hospital's development. In the first place it should be thoroughly understood that the Massachusetts General Hospital receives no financial aid from city or state but is supported by the bequests and donations of generous and appreciative citizens. While it intends to limit its activities to its means, yet its reputation is such that it always has an increasing demand for medical

service and research, and for these can use an indefinite amount of money. With its over one hundred years of recorded experience and with its world-famous equipment and medical organization it should surely receive the first consideration not only of those who would give money from charitable motives, but also of those who see in such an institution the great value of its medical teachings, both in a practical and scientific way. Its thousands of records of cases in the hands of the scientific men in the hospital organization means medical progress. Its Nurses' Training School has set an example to the world as to what a nurse should be. The Trustees have for some time recognized the fact that modern medical and surgical practice must have the co-operative specialized skill and learning, and the equipment, found only in a large hospital, and they have tried to extend their charitable trust to meet this demand from all classes. But they still need funds with which to build wards to meet the needs of the great so-called middle class who can pay a reasonable sum for treatment, but who cannot afford the cost of one specialist after another, with all the charges of X-ray, laboratories and special apparatus. There is no better or more needed service to the community than to put these expensive matters within reach of this most worthy and largest class in the community.

These are some of the other needs of the hospital:

1. A Nurses' Home at the McLean Hospital. (We quote from a recent report.)

"There is need for such a house, situated on the hospital grounds but separate from the houses for patients, so that the nurses may have a real freedom from any sense of responsibility and from the atmosphere of their work when they are off duty. Their rooms now are on the third floor of the patients' houses, — an arrangement for obvious reasons not satisfactory to either nurses or patients. A home is necessary in these days of competition for the maintenance of a high standard of the nursing service. There is no doubt that in time the hospital will have it, but it is needed now."

2. Another Nurses' Home at the General Hospital, to provide for the growth of the hospital.

3. Wards for persons of moderate means. This is the matter referred to in a previous part of this report.

4. Fireproofing the Bulfinch Building and improving its facilities.

5. New laundry and refitting old laundry for laboratory use.

6. New X-ray quarters.

7. Children's ward building.

8. Fracture ward.

9. Revision of heating plant, especially in nurses' rooms in Thayer Building.

10. Houses for married men nurses at the McLean Hospital.

11. A fund for research work in the laboratories at the McLean Hospital.

12. Additions to the occupation fund at the McLean Hospital; also to the Art Room Fund.

13. Gifts to the Endowment Fund of the Training School for Nurses. A benefit fund for them — and a most worthy cause.

There is every evidence that the war has helped change public sentiment in regard to hospitals and in addition both the doctor and patient have come to recognize the value of the hospital organization and equipment towards a cure. The Trustees recognize the fact and are studying how to keep this hospital first and foremost to meet the constantly increasing public needs.

Francis Henry Appleton.
C. H. W. Foster.

MEMBERS OF THE STAFF OF THE MASSACHUSETTS GENERAL HOSPITAL WHO HAVE BEEN IN MILITARY SERVICE DURING THE YEAR

ADAMS, Z. BOYLSTON, *Major*.....M. C., U. S. A.
ALLEN, ARTHUR W., *Captain*.....M. C., U. S. A.
AUSTIN, A. EVERETT, *Major*.....M. C., U. S. A.
AYER, JAMES B., *Captain*.....M. C., U. S. A.
BADGER, GEORGE S. C., *Major*.....M. C., U. S. A.
BALCH, FRANKLIN G., *Major*.....M. C., U. S. A.
BARNES, HARRY A., *Captain*.....M. C., U. S. A.
BRACKETT, ELLIOTT G., *Colonel*.....M. C., U. S. A.
BRIGHAM, F. GORHAM, *Captain*.....M. C., U. S. A.
CABOT, HUGH, *Lieut. Col.*.....R. A. M. C. (British)
CABOT, RICHARD C., *Lieut. Col.*.....M. C., U. S. A.
CADY, FREDERIC B. M., *1st Lieut.*.....M. C., U. S. A.
CHEEVER, AUSTIN W., *Assistant Surgeon, Lieut. Junior Grade*.....U. S. N.
CLYMER, GEORGE, *Captain*.....M. C., U. S. A.
CRABTREE, ERNEST G., *Major*.....R. A. M. C. (British)
DANFORTH, MURRAY S., *Captain*.....M. C., U. S. A.
DAVIS, LINCOLN, *Lieut. Col.*.....M. C., U. S. A.
DERBY, GEORGE S., *Lieut. Col.*.....M. C., U. S. A.
EATON, HAROLD B., *1st Lieut.*.....M. C., U. S. A.
EUSTIS, RICHARD S., *1st Lieut.*.....M. C., U. S. A.
FORBES, HENRY S., *Captain*.....M. C., U. S. A.
GREENE, D. CROSBY, *Major*.....M. C., U. S. A.
GREENOUGH, ROBERT B., *Surgeon, Lieut. Comdr.*.....U. S. N.
HARKINS, WILLIAM J., *Captain*.....M. C., U. S. A.
HARMER, TORR W., *Captain*.....M. C., U. S. A.
HATCH, RALPH A., *Captain*.....M. C., U. S. A.
JONES, DANIEL F., *Major*.....M. C., U. S. A.
KNOWLES, WILLIAM F., *Major*.....M. C., U. S. A.
LEE, ROGER I., *Lieut. Col.*.....M. C., U. S. A.
LELAND, GEORGE A., JR., *Captain*.....M. C., U. S. A.
LORING, ROBERT G., *Captain*.....M. C., U. S. A.
LOUGEE, JOHN L., *Captain*.....M. C., U. S. A.
MACOMBER, DONALD, *Captain*.....M. C., U. S. A.
MARBLE, HENRY C., *Captain*.....M. C., U. S. A.
MARVIN, FRANK W., *1st Lieut.*.....M. C., U. S. A.
MEANS, JAMES H., *Major*.....M. C., U. S. A.
MERRILL, ADELBERT S., *Major*.....M. C., U. S. A.
MILLER, RICHARD H., *Captain*.....M. C., U. S. A.
MIXTER, SAMUEL J., *Major*.....M. C., U. S. A.

MIXTER, W. JASON, *Major*.....M. C., U. S. A.
MOSHER, HARRIS P., *Lieut. Col*.....M. C., U. S. A.
O'KEEFE, EDWARD S., *1st Lieut*.....M. C., U. S. A.
OLIVER, E. LAWRENCE, *Major*.....M. C., U. S. A.
O'NEIL, RICHARD F., *Major*.....M. C., U. S. A.
OSGOOD, ROBERT B., *Lieut. Col*.....M. C., U. S. A.
PAINTER, CHARLES F., *Assistant Surgeon, Lieut. Junior Grade*.....U. S. N.
PORTER, CHARLES T., *1st Lieut*.....M. C., U. S. A.
QUACKENBOSS, ALEXANDER, *Major*.....M. C., U. S. A.
RACKEMANN, FRANCIS M., *1st Lieut*.....M. C., U. S. A.
REID, WILLIAM D., *1st Lieut*.....M. C., U. S. A.
RICHARDSON, EDWARD P., *Major*.....M. C., U. S. A.
ROGERS, MARK H., *Major*.....M. C., U. S. A.
SELLARDS, A. WATSON, *Major*.....M. C., U. S. A.
SEYMOUR, MALCOLM, *Captain*.....M. C., U. S. A.
SHATTUCK, GEORGE C., *Major*.....R. A. M. C. (British)
SISSON, WARREN R., *1st Lieut*.....M. C., U. S. A.
SMITH, GEORGE G., *Captain*.....M. C., U. S. A.
SPOONER, LESLEY H., *Major*.....M. C., U. S. A.
STRONG, RICHARD P., *Lieut. Col*.....M. C., U. S. A.
TOBEY, GEORGE L., JR., *Captain*.....M. C., U. S. A.
TOBEY, HAROLD G., *Captain*.....M. C., U. S. A.
VINCENT, BETH, *Major*.....M. C., U. S. A.
VOSE, ROBERT H., *Captain*.....M. C., U. S. A.
WALCOTT, WILLIAM W., *1st Lieut*.....M. C., U. S. A.
WASHBURN, FREDERIC A., *Colonel*.....M. C., U. S. A.
WIGGIN, WILLIAM I., *1st Lieut*.....M. C., U. S. A.
WRIGHT, WADE S., *Captain*.....M. C., U. S. A.

DONATIONS AND BEQUESTS 1918

The Committee on the Book of Donations reports that the following donations and legacies have been received during the year:

PERMANENT FUNDS

Free Bed Fund

Donation of Henry Lee Higginson, given by his partners	$4,250.00	
Bequest of Mrs. Mary T. Appleton	1,000.00	
Income to be used for the support of Free Beds.		
Bequest of Moses Wildes	20,104.16	
Income to be used for the support of Free Beds.		
Bequest of Mary Helen Freeman	1,000.00	
Income to be used for the support of Free Beds.		
		$26,354.16

Income Unrestricted Fund

Bequest of Mary Rose Harris	$10,000.00	
To be known as the Charles L. Fitts Fund.		
Bequest of Mrs. Caroline L. Weld	100,000.00	
To be known as the Charles Goddard Weld Fund.		
		$110,000.00

New Endowment Fund

Donation of George Wigglesworth	$5,000.00

Social Service Fund

Donation of Mrs. Henry P. Kidder	$500.00

Dr. Walter J. Dodd Memorial Fund

Donation of Dr. D. Crosby Greene	$25.00	
Donation of Alumnae Association of the Massachusetts General Hospital Training School for Nurses	65.00	
		$90.00

Foster Family Fund

Donation of C. H. W. Foster	$10,000.00
A permanent fund in the name of the donor. The income to be used to pay the Hospital bills of patients nominated by the donor or	
Carried forward	$151,944.16

Brought forward		$151,944.16
his wife. After their decease the power of nomination shall descend in succession to their oldest child living, then grandchild. Thereafter, or in case the line of descent shall cease, the income shall be for the unrestricted uses of the Hospital.		

SPECIAL PURPOSE FUNDS

Ten Year Free Bed Fund

Donation of Mrs. Anne P. Rice		$1,000.00

Training School for Nurses Endowment Fund

Donation of Miss Annabella McCrae	$15.00	
Donation of Miss Helen G. O'Dea	2.00	
Donation of Miss Sara E. Parsons	100.00	
Donation of Miss Alice Scott	35.00	
Donation of Miss Annie H. Smith	45.00	
Donation of Miss Charlotte M. Perry	40.00	
Donation of Mrs. Arthur E. Hudson	10.00	
Donation of Miss Frances P. West	15.00	
Donation of Miss Irene W. Mason	25.00	
Donation of Miss Frances C. Daily	5.00	
Donation of Miss Hannah J. Brierley	10.00	
Donation of Mrs. Webster H. Carney	1.50	
Donation of Mrs. George H. Rogers	10.00	
Donation of F. L. Higginson	42.62	
Donation of Miss Honora Fitzpatrick	25.00	
Donation of Miss Mary G. Ely	50.00	
Donation of Miss Augusta C. Ely	50.00	
Donation of Arthur A. Cary	10.00	
Donation of Miss Louise C. May	10.00	
Donation of Miss Grace M. Neal	50.00	
		$551.12

GENERAL FUND

Donation of Charles W. Hubbard	$50.00	
Donation of Elmer P. Howe	20.00	
Donation of Mrs. S. Parkman Blake	50.00	
Donation of Miss Marian L. Blake	10.00	
Donation of Mrs. Boylston Beal	50.00	
Bequest of Mrs. Anna S. C. Prince	1,400.00	
Donation of Mrs. F. G. Curtis	25.00	
Donation of Mrs. Stephen S. FitzGerald	10.00	
Donation of Mrs. M. Irving Mott	1.00	
Donation of Mrs. Ezra Ripley Thayer	10.00	
Donation of Archibald Cary Coolidge	10.00	
Donation of William Brewster	10.00	
Donation of Mrs. Edward Clark Streeter	20.00	
Donation of Mrs. Andrew J. Peters, Jr.	25.00	
Donation of Mrs. Richard M. Saltonstall	50.00	
Donation of Mrs. Harcourt Amory	50.00	
Bequest of Henry F. Lynde	2,210.50	
Donation of W. B. P. Weeks	25.00	
Donation of Mrs. James C. Melvin	1,000.00	
Donation of George R. Agassiz	1,000.00	
Carried forward	$6,026.50	$153,495.28

Donations and Bequests

Brought forward	$6,026.50	$153,495.28
Donation of Humane Society of the Commonwealth of Massachusetts	500.00	
Donation of Mrs. William Whitman, Jr.	50.00	
Bequest of George D. Dodd	10,135.00	
Bequest of Blanche J. Shimmin	2,174.39	
Donation of Frederick P. Bagley	25.00	
Bequest of James D. Sullivan	1,000.00	
Donation of William Caleb Loring	1,000.00	
Bequest of Richard Black Sewall	25,000.00	
Donation of Mrs. T. O. Richardson	50,000.00	
Bequest of Annie M. Washburn	100.00	
		$96,010.89

YEARLY FREE BEDS FOR 1918

Subscription of Mrs. Gordon Abbott	$100.00	
Subscription of Arthur Adams	100.00	
Subscription of Charles F. Adams	100.00	
Subscription of A Friend	100.00	
Subscription of A Friend	100.00	
Subscription of Mrs. George R. Agassiz	100.00	
Subscription of Mrs. Bryce J. Allan	100.00	
Subscription of Hobart Ames	100.00	
Subscription of Oliver Ames	100.00	
Subscription of William Amory	100.00	
Subscription of Anonymous	100.00	
Subscription of Francis Henry Appleton	100.00	
Subscription of Samuel Appleton	100.00	
Subscription of S. E. B.	100.00	
Subscription of Mrs. Francis E. Bacon	100.00	
Subscription of Mrs. F. R. Bangs	100.00	
Subscription of Mrs. N. S. Bartlett, Jr.	100.00	
Subscription of Mrs. J. W. Bartol	100.00	
Subscription of Mr. and Mrs. George L. Batchelder	100.00	
Subscription of Walter C. Baylies	100.00	
Subscription of Mrs. James H. Beal	100.00	
Subscription of Thomas P. Beal	100.00	
Subscription of E. Pierson Beebe	100.00	
Subscription of Frank H. Beebe	100.00	
Subscription of Mrs. Junius Beebe	100.00	
Subscription of Mrs. Henry Forbes Bigelow	100.00	
Subscription of Dr. William Sturgis Bigelow	100.00	
Subscription of George Nixon Black	100.00	
Subscription of Mrs. Wilmon W. Blackmar	100.00	
Subscription of Mrs. Arthur W. Blake	100.00	
Subscription of Mrs. Francis Blake (Francis Blake Free Bed)	100.00	
Subscription of Mr. and Mrs. J. A. Lowell Blake	100.00	
Subscription of John A. Blanchard	100.00	
Subscription of Boston Firemen's Relief Fund	200.00	
Subscription of Mrs. A. H. Bowditch	100.00	
Subscription of F. W. Bradlee	100.00	
Subscription of Miss Gertrude Bradlee	100.00	
Subscription of Mr. and Mrs. J. D. Cameron Bradley	100.00	
Subscription of Mrs. John L. Bremer	100.00	
Subscription of Miss Sarah F. Bremer	100.00	
Subscription of Miss Fannie R. Brewer (The John R. Brewer Free Bed)	100.00	
Carried forward	$4,200.00	$249,506.17

Donations and Bequests

Brought forward	$4,200.00	$249,506.17
Subscription of Gorham Brooks	100.00	
Subscription of George W. Brown	100.00	
Subscription of Miss Katherine E. Bullard	100.00	
Subscription of Mr. and Mrs. I. Tucker Burr	100.00	
Subscription of S. D. Bush	100.00	
Subscription of Mr. and Mrs. Samuel Carr	100.00	
Subscription of Miss Georgina S. Cary	100.00	
Subscription of Horace D. Chapin	100.00	
Subscription of E. S. C.	100.00	
Subscription of Alexander Cochrane	100.00	
Subscription of Costello C. Converse	100.00	
Subscription of Mrs. Edith L. Coolidge (An annual gift in memory of the late Amory A. Lawrence)	748.03	
Subscription of Mrs. Francis L. Coolidge (In memory of Mrs. Charles T. White)	100.00	
Subscription of J. Randolph Coolidge	100.00	
Subscription of T. Jefferson Coolidge	100.00	
Subscription of Mrs. T. J. Coolidge, Jr.	200.00	
Subscription of Charles E. Cotting	100.00	
Subscription of Estate of Ethel H. Crane (For the benefit of Parishioners of St. Paul's Church, Dedham)	100.00	
Subscription of Mrs. S. V. R. Crosby	100.00	
Subscription of Mr. and Mrs. Francis B. Crowninshield	100.00	
Subscription of Mrs. Charles A. Cummings (In memory of Mrs. Moses Kimball)	100.00	
Subscription of Mrs. G. S. Curtis	100.00	
Subscription of Mrs. G. S. Curtis, Jr.	100.00	
Subscription of Horatio G. Curtis	100.00	
Subscription of Mrs. Horatio G. Curtis	100.00	
Subscription of Mr. and Mrs. Louis Curtis	100.00	
Subscription of Mrs. Richard C. Curtis	100.00	
Subscription of Mrs. John G. Cushing	100.00	
Subscription of Frederick L. Dabney	100.00	
Subscription of George B. Dabney	100.00	
Subscription of Mrs. Charles H. Dalton	200.00	
Subscription of Henry R. Dalton	200.00	
Subscription of Mrs. Joseph E. Davis	100.00	
Subscription of Charles A. Dean	100.00	
Subscription of Franklin Dexter and Gordon Dexter, Jointly	100.00	
Subscription of Philip Dexter	100.00	
Subscription of Miss Rose L. Dexter	100.00	
Subscription of George A. Draper	100.00	
Subscription of Mrs. John W. Elliot	100.00	
Subscription of Mrs. Ralph L. Emerson	100.00	
Subscription of Mrs. R. W. Emmons, 2d	100.00	
Subscription of William Endicott	100.00	
Subscription of Arthur F. Estabrook	100.00	
Subscription of Mrs. Elizabeth E. Fay	100.00	
Subscription of Henry H. Fay	100.00	
Subscription of Mr. and Mrs. S. Prescott Fay	100.00	
Subscription of William Rodman Fay	100.00	
Subscription of Estate of Lawrence Carteret Fenno	100.00	
Subscription of Miss Marion H. Fenno	100.00	
Carried forward	$10,048.03	$249,506.17

Brought forward	$10,048.03	$249,506.17
Subscription of J. Murray Forbes	100.00	
Subscription of Mrs. Waldo E. Forbes	100.00	
Subscription of C. H. W. Foster	100.00	
Subscription of Mrs. C. H. W. Foster	100.00	
Subscription of Miss Hilda C. Foster	100.00	
Subscription of Mr. and Mrs. Thomas B. Gannett	100.00	
Subscription of Mr. and Mrs. William Tudor Gardiner	100.00	
Subscription of George P. Gardner	100.00	
Subscription of John L. Gardner	100.00	
Subscription of William A. Gardner	100.00	
Subscription of Mr. and Mrs. J. Livingston Grandin, Jr.	100.00	
Subscription of Mrs. Reginald Gray	100.00	
Subscription of Charles P. Greenough	100.00	
Subscription of S. E. Guild	100.00	
Subscription of Mrs. G. G. Hammond	100.00	
Subscription of Miss Clara Hemenway	100.00	
Subscription of F. L. Higginson	100.00	
Subscription of F. L. Higginson, Jr.	100.00	
Subscription of Mrs. A. S. Hill	100.00	
Subscription of Donald M. Hill	100.00	
Subscription of Mrs. John Fremont Hill	100.00	
Subscription of F. S. Hodges	100.00	
Subscription of Mrs. John Homans	100.00	
Subscription of James R. Hooper	100.00	
Subscription of William Hooper	100.00	
Subscription of Mrs. A. Lawrence Hopkins	100.00	
Subscription of Henry Hornblower	100.00	
Subscription of Henry S. Howe	100.00	
Subscription of Mrs. Arthur Hunnewell	100.00	
Subscription of Henry S. Hunnewell	100.00	
Subscription of Mrs. Henry S. Hunnewell	100.00	
Subscription of Mrs. Oscar Iasigi (In memory of Oscar Iasigi)	100.00	
Subscription of Mr. and Mrs. James Jackson	100.00	
Subscription of Arthur S. Johnson	100.00	
Subscription of Edward C. Johnson	100.00	
Subscription of Mrs. Eben D. Jordan	100.00	
Subscription of Jordan Marsh Co.	500.00	
Subscription of Charles A. Kidder	100.00	
Subscription of Nathaniel T. Kidder	100.00	
Subscription of David P. Kimball	100.00	
Subscription of L. C. Kimball	100.00	
Subscription of The Misses King (In memory of Mrs. D. Webster King)	100.00	
Subscription of Mrs. H. A. Lamb	100.00	
Subscription of Mrs. Gardiner M. Lane	100.00	
Subscription of Mrs. Amory A. Lawrence	100.00	
Subscription of John Lawrence and Francis Peabody, Jr. (Trustees under will of Abbott Lawrence)	600.00	
Subscription of Mr. and Mrs. George C. Lee	100.00	
Subscription of Mrs. Lester Leland	100.00	
Subscription In memory of Mrs. Anna Cabot Lodge, from H. C. L. and E. J.	100.00	
Subscription of Augustus P. Loring	100.00	
Subscription of Mrs. Augustus P. Loring	100.00	
Carried forward	$16,048.03	$249,506.17

Donations and Bequests

Brought forward	$16,048.03	$249,506.17
Subscription of William Caleb Loring	100.00	
Subscription of Miss Mary B. Lothrop	100.00	
Subscription of Mrs. Thornton K. Lothrop	100.00	
Subscription of Mrs. Charles T. Lovering	100.00	
Subscription of Mrs. Francis C. Lowell	100.00	
Subscription of Mr. and Mrs. John Lowell	100.00	
Subscription of Henry and Theodore Lyman	100.00	
Subscription of Mrs. Charles E. Mason (In memory of Mrs. John F. Andrew)	500.00	
Subscription of Miss E. F. Mason	100.00	
Subscription of Miss Fanny P. Mason	100.00	
Subscription of Miss Ida M. Mason	100.00	
Subscription of Mrs. Grafton W. Minot (In memory of Major Augustus Peabody Gardner)	100.00	
Subscription of Laurence Minot	100.00	
Subscription of Mrs. Frank Morison	100.00	
Subscription of Mrs. John Holmes Morison	100.00	
Subscription of The Misses Morrill	100.00	
Subscription of Charles A. Morss	100.00	
Subscription of Henry A. Morss	100.00	
Subscription of Mrs. E. P. Motley	100.00	
Subscription of Mrs. Thomas Motley	100.00	
Subscription of Mr. and Mrs. Thomas Motley	100.00	
Subscription of Grenville H. Norcross	100.00	
Subscription of Mrs. Richard Olney (In memory of Richard Olney)	100.00	
Subscription of John B. Paine	100.00	
Subscription of Miss Eleanor S. Parker	100.00	
Subscription of Mrs. Francis S. Parker	100.00	
Subscription of John Parkinson	100.00	
Subscription of Francis Peabody	100.00	
Subscription of Mrs. Francis Peabody	100.00	
Subscription of Frank E. Peabody	500.00	
Subscription of George A. Peabody	100.00	
Subscription of Charles Lawrence Peirson	100.00	
Subscription of Permanent Charity Fund, Boston Safe Deposit & Trust Co., Trustee	3,750.00	
Subscription of Dudley L. Pickman	100.00	
Subscription of S. S. Pierce Co.	100.00	
Subscription of Mrs. James H. Proctor	100.00	
Subscription of Mrs. George Putnam	100.00	
Subscription of Miss Ida B. Reed	100.00	
Subscription of Mrs. F. L. W. Richardson	100.00	
Subscription of Miss Emma Rodman	100.00	
Subscription of Mrs. Robert Shaw Russell	100.00	
Subscription of Philip L. Saltonstall	100.00	
Subscription of Mr. and Mrs. Robert Saltonstall	100.00	
Subscription of C. S. Sargent	100.00	
Subscription of Mrs. Francis W. Sargent	100.00	
Subscription of F. R. Sears	100.00	
Subscription of Dr. Henry F. Sears	100.00	
Subscription of Herbert M. Sears	100.00	
Subscription of Mrs. J. Montgomery Sears	100.00	
Subscription of Mrs. Knyvet W. Sears	100.00	
Subscription of Mr. and Mrs. Philip S. Sears	100.00	
Subscription of Richard D. Sears	100.00	
Subscription of Richard and Francis P. Sears	100.00	
Subscription of Mrs. G. H. Shaw	100.00	
Carried forward	$25,898.03	$249,506.17

Donations and Bequests

Brought forward	$25,898.03	$249,506.17
Subscription of Henry S. Shaw	100.00	
Subscription of Robert Gould Shaw	100.00	
Subscription of Mrs. George S. Silsbee	100.00	
Subscription of Sons of St. George	400.00	
Subscription of William S. Spaulding	100.00	
Subscription of R. H. Stearns Co.	100.00	
Subscription of Mr. and Mrs. Robert H. Stevenson	100.00	
Subscription of Galen L. Stone	100.00	
Subscription of Moorfield Storey	100.00	
Subscription of Mrs. Richard C. Storey	100.00	
Subscription of The Misses Sturgis	100.00	
Subscription of Mr. and Mrs. George H. Swift	100.00	
Subscription of Mrs. Nathaniel Thayer	100.00	
Subscription of J. L. Thorndike	100.00	
Subscription of Mrs. Charles Linzee Tilden (In memory of Daniel Denny)	100.00	
Subscription of Mrs. Bayard Tuckerman, Jr.	100.00	
Subscription of Unity Lend-a-Hand Society of Lexington	100.00	
Subscription of Victorian Memorial Association	400.00	
Subscription of Mr. and Mrs. William Bentley Walker	100.00	
Subscription of Miss Mary Lee Ware	100.00	
Subscription of Mr. and Mrs. Bayard Warren	100.00	
Subscription of Mrs. Edwin S. Webster	100.00	
Subscription of C. Minot Weld	100.00	
Subscription of Stephen M. Weld	200.00	
Subscription of William H. Wellington	100.00	
Subscription of A. W. Wheelwright	100.00	
Subscription of William Whitman	100.00	
Subscription of Frank Whitney	100.00	
Subscription of Mr. and Mrs. Geoffrey G. Whitney	100.00	
Subscription of George Wigglesworth	300.00	
Subscription of John D. Williams	100.00	
Subscription of Moses Williams	200.00	
Subscription of Mr. and Mrs. Arthur Winslow	100.00	
Subscription of Mrs. Frederick Winsor	100.00	
Subscription of Mrs. Robert C. Winthrop	100.00	
Subscription of Mrs. Thomas Lindall Winthrop	100.00	
Subscription of Mr. and Mrs. William M. Wood	200.00	
Subscription of Henry D. Woods	100.00	
		$30,798.03
		$280,304.20

A subscriber to the Free Bed Fund has the right to nominate a patient to a free bed, according to the following subscriptions: $100 for the current year to a free bed in a ward in the General Hospital; $500 for the current year to a free bed in a private room in the General Hospital; $1,000 for a period of ten years to a free bed in a ward in the General Hospital; $5,000 during the life of the subscriber and during the life of any other one person named by him to a free bed in a ward in the General Hospital; $10,000 during the life of the subscriber and during the life of any other person named by him to a free bed in a private room in the General Hospital.

All free beds shall be subject to the approval of the Trustees and the Rules of the Hospital.

SUNDRY DONATIONS FOR SPECIAL PURPOSES

Brought forward		$280,304.20
Donation of Mrs. Caroline L. Weld For the Purchase of Surgical Instruments.	$675.37	
Donation of Miss Emma Hutchins For the Babies' Milk Fund.	5.00	
Donation of Mrs. A. Lawrence Hopkins Toward the Salary of a Social Worker in the Wards.	407.27	
Donation of Dr. Hugh Cabot Toward the Salary of the House-Surgeon in the Genito-Urinary Department.	500.00	
Donation of W. F. Watters Toward the salary of a Stenographer in the Dermatological Department.	450.00	
Donation of A Friend For certain special uses of the Dermatological Department.	500.00	
Donation of Dr. Richard C. Cabot Toward the salary of a Clerk in the Treadwell Library, to typewrite certain parts of the Surgical Records.	24.50	
Donation of the Permanent Charity Fund, Boston Safe Deposit & Trust Co., Trustee For the Social Service Department in the Wards.	1,700.00	
Donation of Anonymous For the salary of a Technician in the Medical Research Laboratory.	780.00	
Donation of Harvard Infantile Paralysis Commission Toward the salary of a Worker in the Infantile Paralysis Department .	900.00	
		$5,942.14
Total donations for 1918		$286,246.34

REPORT OF THE TREASURER

In accordance with the Fifth Article of the By-Laws, the Annual Report of the accounts of the Massachusetts General Hospital, made up to the last day of December, 1918, is respectfully submitted, to be laid before the Corporation at its annual meeting. Among the assets enumerated are many gifts to the Corporation, which for various reasons have been retained as originally received.

CONDENSED STATEMENT

			Dr.	Cr.
1.	Land and Buildings:			
	General Hospital	$3,365,810.61		
	McLean Hospital	2,016,256.50		
	Convalescent Hospital (See page 21)	50,000.00		
			$5,432,067.11	
2.	Land and Buildings — Total cost of Plant: (See page 21)			$5,432.067.11
3.	Permanent Funds (Income only to be used):			
	Income for Free Beds . .	$2,219,570.06		
	Income for any purpose except buildings . . .	455,113.34		
	Income unrestricted . . .	288,039.64		
	Income for specified purposes	287,030.56		
	Income for McLean Hospital	565,223.34		
	Income for Convalescent Hospital. (See page 26)	151,811.13		
				3,966,788.07
4.	Investments and Cash covering these Funds: (See page 22)		3,982,989.62	
	Carried forward		$9,415,056.73	$9,398,855.18

Brought forward		$9,415,056.73	$9,398,855.18
5. Special Purpose Funds:			
Principal and Income to be used for certain specified purposes. (See page 47)			83,029.32
6. Investments and Cash covering these Funds:			
(See page 23)		87.468.88	
7. General Fund:			
Principal and Income to be used for any Hospital purpose. (See page 51)			209,671.28
8. Investments and Cash covering this Fund:			
(See page 24)		209,671.28	
9. Loss and Gain on all Funds:			
Permanent Funds	$16,201.55		
Special Purpose Funds . .	4,439.56		20,641.11
		$9,712,196.89	$9,712,196.89

1. LAND AND BUILDINGS
2. INVESTMENTS IN THESE

This item $5,432,067.11 (including $554,837.97 Phillips House Cost) is the amount at cost which the Massachusetts General Hospital has spent on the McLean, General Hospital and Convalescent Hospital land and buildings.

At the McLean Hospital there are 239.45 acres of Hospital property and 325.31 acres of so-called farm land. The Convalescent Hospital is situated on the McLean Hospital grounds.

The General Hospital occupies the area bounded by Charles, Allen, Blossom and Fruit Streets in Boston (with the exception of the property of the Massachusetts Charitable Eye and Ear Infirmary), also the land corner North Grove and Fruit Streets, on which stands the Nurses' Home, also No. 90 and 92 Charles Street, used as a Nurses' Home, and certain parcels on North Grove Street, Parkman Street and in the rear, formerly known as Cypress Street.

PERMANENT FUNDS

These various funds are invested as one permanent fund and the income therefrom and profit and loss is pro-rated annually. The income only can be used, and for the purposes named in the instrument of gift.

INVESTMENTS

Bonds and Stocks:	
$160,000.00 Massachusetts Hospital Life Insurance Company, Policies	$160,000.00
500 Shares Massachusetts Hospital Life Insurance Company, Stock	55,000.00
$10,000.00 U. S. A. Third Liberty Loan, 4¼%, 1928	10,000.00
5,000.00 U. S. A. Fourth Liberty Loan, 4¼%, 1938	5,000.00
2 Shares Appleton Co.	430.00
250 Shares Ballard Vale Mills Co.	25,000.00
25 Shares Great Falls Manufacturing Co.	4,375.00
2 Shares Lancaster Mills	180.00
13 Shares Lanett Cotton Mills	1,950.00
140 Shares Merrimack Manufacturing Co.	9,800.00
75 Shares Pacific Mills	11,100.00
215 Shares Pepperell Manufacturing Co.	42,140.00
3 Shares Ludlow Manufacturing Associates	465.00
216 Shares Merchants National Bank	55,080.00
28 Shares Old Boston National Bank (In Liquidation)	0.00
12 Shares Boylston Market Association	12,000.00
21 Shares Central Wharf and Wet Dock Corporation	2,520.00
2 Shares Trimountain Trust	180.00
11 Shares Western Real Estate Trustees	1,155.00
25 Shares Hotel Trust (Touraine)	2,375.00
23 Shares Boston Ground Rent Trust	1,725.00
86 Shares Boston Wharf Co.	6,880.00
17 Shares Boston Storage Warehouse Co.	1,496.00
10 Shares Boston Real Estate Trust	7,900.00
Real Estate:	
No. 1 Faneuil Hall Square	60,000.00
No. 45–55 Union Street	146,500.00
No. 273–5 Washington Street	258,000.00
No. 474–80 Washington Street	633,000.00
No. 496–500 Washington Street	595,000.00
No. 565–7 Washington Street (½ interest)	104,000.00
No. 10–10½ Common Street	22,800.00
No. 837–47 Washington Street	91,000.00
No. 837–47 Washington Street, Rear	77,400.00
No. 851–9 Washington Street	103,000.00
No. 11 and 15–23 Warrenton Street	46,400.00
No. 70–74 Tremont Street	400,000.00
No. 235–7 Congress Street	68,400.00
No. 163–7 Oliver Street	168,700.00
Carried forward	$3,190,951.00

Brought forward		$3,190,951.00
No. 307–11 Atlantic Avenue		138,500.00
Province House Estate		1,018,100.00
No. 15–23 Harvard Place		147,000.00
No. 217–19 Boylston Street, Jamaica Plain		7,900.00
Estate John E. Atkins (3/16th's interest)		55,237.50
		$4,557,688.50
Less Mortgages		575,000.00
		$3,982,688.50
Cash		301.12
		$3,982,989.62
Total Fund, January 1, 1918. (See page 26)	$3,814,542.79	
Additions in 1918. (See page 26)	152,245.28	
		$3,966,788.07
Gain		$16,201.55

The income on the above Investments was $170,356.86

SPECIAL PURPOSE FUNDS

Both Principal and Income can be used, but only for certain specified purposes. Investment is made as one fund, and the Income and Profit and Loss are prorated annually.

INVESTMENTS

Bonds and Stocks:	
$5,000.00 U. S. A. Fourth Liberty Loan, 4¼%, 1938	$5,000.00
1,000.00 U. S. A. Second Liberty Loan, Converted, 4¼%, 1942	1,000.00
2,000.00 City of Boston Rapid Transit 4's, 1959	1,900.00
100 Shares Union Pacific Railroad Co. (Preferred)	7,200.00
53 Shares Chicago Junction Railway & Union Stock Yards Company (Preferred)	4,505.00
50 Shares Chicago, Milwaukee & St. Paul Railway Co. (Preferred)	3,650.00
20 Shares Fitchburg Railroad Co. (Preferred)	1,140.00
70 Shares New York, New Haven & Hartford Railroad Co.	2,170.00
100 Shares Atchison, Topeka & Santa Fe Railroad Co.	9,200.00
32 Shares West End Street Railway Co. (Preferred)	1,440.00
50 Shares American Sugar Refining Co. (Preferred)	5,600.00
130 Shares American Sugar Refining Co. (Common)	14,430.00
203 Shares American Telephone & Telegraph Co.	20,300.00
10 Shares Westinghouse Electric & Manufacturing Co.	410.00
15 Shares Anaconda Copper Mining Co.	900.00
13 Shares Heywood Bros. & Wakefield Co. (Preferred)	1,170.00
16 Shares Massachusetts Gas Companies (Preferred)	1,088.00
12 Shares Edison Electric Illuminating Co. of Boston	2,052.00
	$83,155.00
Cash	4,313.88
Carried forward	$87,468.88

Brought forward		$87,468.88
Total of Fund, January 1, 1918. (See page 47)	$101,552.46	
Additions in 1918. (See page 47)	5,865.00	
	$107,417.46	
Deductions in 1918	24,388.14	
		$83,029.32
Gain		$4,439.56

The income on the above Investments was $5,127.25

GENERAL FUND

The Principal and Income of this Fund can be spent for any Hospital purpose.

INVESTMENTS

Bonds and Stocks:	
$20,000.00 U. S. A. Fourth Liberty Loan, 4¼%, 1938	$20,000.00
500.00 U. S. A. Third Liberty Loan, 4¼%, 1928	500.00
5,000.00 Midvale Steel & Ordnance Co., 5's, 1936	4,400.00
50 Shares Boston & Maine Railroad Co.	1,450.00
21 Shares Old Colony Railroad Co.	2,184.00
110 Shares Chicago & North Western Railway Co. (Common)	10,450.00
16 Shares Worcester Consolidated Street Railway Co. (Preferred)	240.00
50 Shares Board of Trade Building Trust	4,000.00
50 Shares Commonwealth Building Trust (Preferred)	1,250.00
25 Shares Commonwealth Building Trust (Common)	0.00
6 Shares Delta Building Trust	270.00
12 Shares Journal Building Trust	300.00
33 Shares Galveston-Houston Electric Co. (Preferred)	1,980.00
5 Shares Galveston-Houston Electric Co. (Common)	125.00
5 Shares Western Union Telegraph Co.	430.00
5 Shares Union Brewing Co.	0.00
16 Shares Fort Wayne Electric Co.	0.00
50 Shares Breece Mining Co.	0.00
3 Shares Railway & Light Securities Co. (Preferred)	240.00
1 Share Railway & Light Securities Co. (Common)	75.00
Mortgages:	
Lilian G. Bacon	3,900.00
Estate Charles P. Whittle	3,500.00
Harriet B. Leatherbee	2,900.00
Jesse Lee Church	2,950.00
Francis X. Frieh	1,350.00
Samuel and Dora Biech	3,550.00
Minnie E. Kee	6,000.00
Real Estate:	
No. 251–67 Cambridge Street	47,280.00
Cambridge and North Grove Streets	70,800.00
Cash:	
Administrator	15,357.01
Treasurer	4,190.27
	$209,671.28

The income on the above Investments was $9,380.67

GENERAL FUND, GAIN AND LOSS, 1918

Balance, January 1, 1918			$4,836,884.14
Donations			96,010.89
Old Boston National Bank			140.00
Susan Smith Fund			13,703.98
National Bank Stock Tax Rebate			831.37
Gain on 1918 appraisal			189,101.73
			$5,136,672.11
Transferred to Land and Buildings Plant Account			4,877,193.14
			$259,478.97
Excess of Expenses of General and Convalescent Hospitals (page 110)		$248,855.72	
Income from Funds	$157,139.41		
Income Gifts	6,540.32		
Annual Free Beds	30,798.03		
Ten-Year Free Beds	8,600.00		
Massachusetts Health Department	1,000.00	204,077.76	
		$44,777.96	
Excess of Expenses at McLean Hospital (page 110)	$30,475.34		
Income from Funds	25,445.61	5,029.73	49,807.69
			$209,671.28

PERMANENT FUNDS

INCOME DEVOTED TO FREE BEDS.

1825	The Davis Fund, a bequest from Mrs. Eleanor Davis	$900.00
1827	William Phillips Fund, a bequest from William Phillips . . .	5,000.00
1830	Belknap Fund, a bequest from Jeremiah Belknap	10,000.00
1841	Brimmer Fund, a bequest from Miss Mary Ann Brimmer . .	5,000.00
1842	Tucker Fund, a bequest from Miss Margaret Tucker . . .	3,312.37
1849	Williams Fund, a bequest from John D. Williams, of Estate No. 17 Blackstone Street . . .	19,600.00
	Nichols Fund, a bequest from B. R. Nichols	6,000.00
1850	Todd Fund, a bequest from Henry Todd	5,000.00
1851	Wilder Fund, a bequest from Chas. W. Wilder . $12,000.00	
1912	and a bequest from Florence Elizabeth Wilder, his granddaughter . . . 1,000.00	13,000.00
1856	Bromfield Fund, half of a bequest from John Bromfield . . .	20,000.00
	Wm. Reed Fund, a bequest from Wm. Reed	5,233.92
1857	Treadwell Fund, part of a bequest from J. G. Treadwell .	38,703.91
1858	Dowse Fund, a bequest from Thomas Dowse	5,000.00
1858–1897	Sawyer Fund, part of a bequest from M. P. Sawyer	76,966.19
1859	Thompson Fund, a bequest from S. B. Thompson	500.00
1860	J. Phillips Fund, a bequest from Jonathan Phillips	10,000.00
1862	Miss Townsend Fund, a donation from the executors of the will of Miss Mary P. Townsend .	11,486.50
1863	Pickens Fund, a bequest from John Pickens	1,676.75
	Percival Fund, a bequest from John Percival	950.00
1864	Greene Fund, a bequest from Benj. D. Greene	5,000.00
1865	Sever Fund, a bequest from Miss Martha Sever	500.00
	Raymond Fund, a bequest from E. A. Raymond	2,820.00
	Carried forward	$246,649.64

Permanent Funds

	Brought forward	$246,649.64
1868	The Harris Fund, part of a bequest from Charles Harris . . .	1,000.00
	Mason Fund, a bequest from Wm. P. Mason	9,400.00
	Loring Fund, a bequest from Abigail Loring	5,000.00
1868–1875	Miss Shaw Fund, a donation and bequest from Miss M. Louisa Shaw	5,500.00
1871	J. L. Gardner Fund, a donation from J. L. Gardner	20,000.00
	B. T. Reed Fund, a donation from Benj. T. Reed	1,000.00
	Read Fund, half of a bequest from James Read	1,000.00
1872	McGregor Fund, half of a donation and bequest from James McGregor	7,500.00
	Joy Fund, a bequest from Miss Nabby Joy	20,000.00
1873	Parker Fund, a bequest from Jonathan Parker, Jr. . . .	10,000.00
1874	Templeton Fund, half of a bequest from John Templeton .	5,000.00
	Miss Rice Fund, a bequest from Miss Arabella Rice	5,000.00
	Mrs. J. H. Rogers Fund, a donation from J. H. Rogers . .	1,177.50
1876	Beebe Fund, a bequest from J. M. Beebe	50,000.00
	Lincoln Fund, half of a bequest from Mrs. F. W. Lincoln . .	85,000.00
1877	Blanchard Fund, a bequest from Mrs. M. B. Blanchard . . .	4,000.00
	George Gardner Fund, a donation of $1,000 from George Gardner, and $11,000 from Shepherd Brooks	12,000.00
	Hemenway Fund, a donation from the executors of the will of Augustus Hemenway . . .	20,000.00
	Jessup Fund, part of a bequest from Dr. Chas. A. Jessup . .	1,000.00
	Tufts Fund, a bequest from Quincy Tufts	10,000.00
1878	Eliza Perkins Fund, a donation from Mrs. H. B. Rogers . .	1,000.00
	Dwight Fund, a donation from Mrs. T. Bradford Dwight . .	1,000.00
1879	Hunnewell Fund, a donation from H. H. Hunnewell	10,000.00
	R. M. Mason Fund, a bequest from R. M. Mason	5,000.00
	Hannah Lowell Cabot Fund, a donation from Dr. Samuel Cabot	1,000.00
	Carried forward	$538,227.14

Permanent Funds

	Brought forward	$538,227.14
1879	The Gray Fund, a donation from John C. Gray	1,000.00
1881	Welles Fund, a donation from Miss Jane Welles	5,000.00
1882	Black Fund, a bequest from Miss Marianna Black	2,000.00
	Eben Wright Fund, an assignment of legacies by the children of T. Jefferson Coolidge . . .	14,000.00
1883	Paraclete Holmes Fund, a donation from W. S. Adams . .	2,000.00
	Estabrooks Fund, a bequest from J. W. Estabrooks	1,000.00
	Thayer Fund, a bequest from Nathaniel Thayer	30,000.00
1884	John Bertram Fund, a donation from Mrs. Clara Bertram Kimball	5,000.00
	D. R. Whitney Fund, a donation of D. R. Whitney	1,000.00
	Ann E. Gray Fund, a bequest from Miss Ann E. Gray . .	5,000.00
1886	Hannah C. Leland Fund, a bequest from Mrs. Hannah C. Leland	15,000.00
	Esther E. Beebe Fund, a bequest from Mrs. Esther E. Beebe .	2,000.00
	Ella F. Roehl Fund, a bequest from Ella F. Roehl	8,085.02
	Donations from friends, two of $100 each and one of $50 . .	250.00
	Urbino Fund, a bequest of S. R. Urbino	6,000.00
1887	Emily W. Appleton Fund, a donation from Mrs. Emily W. Appleton	1,000.00
	Henry B. Rogers Fund, a bequest from Henry B. Rogers . . .	10,000.00
	John H. Eastburn Fund, a bequest from John H. Eastburn	10,000.00
	Mrs. Susan F. Eastburn Fund, a bequest from Mrs. Susan F. Eastburn	1,000.00
	William B. Craft Fund, a bequest from William B. Craft . . .	5,000.00
1888	McGregor Fund, a bequest of Mrs. James McGregor . . .	1,000.00
	Charles R. Hayden Fund, a donation from Mrs. Annie Ruth Hayden	2,000.00
	Spaulding Fund, a donation of Mahlon D. and John P. Spaulding	10,000.00
	Anna T. Phillips Fund, a donation of Mrs. Anna T. Phillips	1,000.00
	Carried forward	$676,562.16

Permanent Funds

	Brought forward	$676,562.16
1888	The Joel Spaulding Fund, a donation of Miss Sarah R. Spaulding .	3,000.00
1889	Bartlett Fund, a bequest of Sidney Bartlett	10,000.00
	Jas. B. and Mary Dow Fund, a gift of Mary Dow, under the will of James B. Dow . . .	5,000.00
	Shattuck Fund, a donation of Mrs. George C. Shattuck . .	500.00
1890	Elisha T. Loring Fund, a bequest of Elisha T. Loring	10,000.00
	Ellen M. Gifford Fund, part of bequest of Ellen M. Gifford .	10,000.00
	Turner Sargent Fund, a bequest of Amelia Jackson Sargent .	5,000.00
	Sarah E. Allen Fund, a bequest of Sarah E. Allen	5,000.00
	Jordan, Marsh and Co. Fund, a donation of Jordan, Marsh and Co.	1,000.00
	Wm. S. Dexter Fund, a donation of Wm. S. Dexter	5,000.00
	Wm. B. Spooner Fund, a bequest of Wm. B. Spooner	3,000.00
1891	Caroline Merriam Fund, a donation from Frank Merriam . .	1,000.00
1892	Stephen P. H. May Fund . . .	1,000.00
1893	Waldmeyer Fund, a bequest of Philip Waldmeyer	1,000.00
	Elizabeth W. Gay Fund, a bequest of Elizabeth W. Gay .	7,931.19
1894	Lawrence Fund, a bequest of Abbott Lawrence	10,000.00
	Isaac Sweetser Fund, a bequest of Mrs. Anne M. Sweetser . .	46,913.14
1895	Burnham Fund, a bequest of T. O. H. P. Burnham . . .	250,000.00
	Moseley Fund, a bequest of Wm. O. Moseley	20,000.00
	Snow Fund, a bequest of Sophia J. Snow	5,000.00
1896	Glover Fund, a bequest of Albert Glover	5,000.00
	R. W. Turner Fund, a bequest of Royal W. Turner	21,086.48
	Coolidge Fund, a bequest of Susan G. Coolidge	176,000.00
	Vose Fund, half of a bequest of Ann White Vose	38,983.09
	Cheney Fund, a bequest of B. P. Cheney	10,000.00
	Mary B. Turner Fund, a bequest of Mary B. Turner	5,000.00
	Theodore Chase Fund, a donation of Alice Bowdoin Chase . .	5,000.00
	Carried forward	$1,337,976.06

Permanent Funds

	Brought forward	$1,337,976.06
1896	The Henry E. Moody Fund, a bequest of Jane C. Moody	2,091.42
1897	Benj. Jos. Gilbert Fund, a donation of Mrs. Susan B. Richards	5,000.00
	Harriet T. Andrew Fund, a bequest of Harriet T. Andrew .	5,000.00
	Wm. Hilton Fund, a bequest of Wm. Hilton	22,553.66
	Cornelia V. R. Thayer Fund, a bequest of Mrs. C. V. R. Thayer	25,000.00
	Chas. Paine Cheney Fund, a donation of Mrs. B. P. Cheney . .	5,000.00
	Chas. B. Porter Fund, a bequest of W. L. Chase	5,000.00
1898	Henry L. Pierce Fund, part of a bequest of Henry L. Pierce .	50,000.00
	Brown Fund, a bequest of Harriet Louisa Brown	5,000.00
1899	Luther Farnum Fund, a bequest of Luther Farnum	2,637.37
	J. Huntington Wolcott Fund, a bequest of Mrs. J. Huntington Wolcott	25,000.00
	Geo. A. Newell Fund, a bequest of Geo. A. Newell	5,000.00
	Ira C. Calef Fund, a donation of Ira C. Calef	5,000.00
1900	J. Collins Warren Fund, a bequest of Anna S. C. Blake . . .	10,000.00
1901	Henry Saltonstall Fund, a bequest of Henry Saltonstall .	10,000.00
	Conrad Mohr Fund, a bequest of Conrad Mohr	41,384.18
	Sarah H. A. Burnham Fund, a donation of Mrs. Sarah B. Whittemore and Mrs. Theresa B. Dodge	5,000.00
	Chas. L. Young Fund, a bequest of Chas. L. Young	5,000.00
1902	Henry Woods Fund, a bequest of Henry Woods	5,000.00
	Henry Whitman Fund, a bequest of Henry Whitman	10,000.00
	Jos. B. Glover Fund, a bequest of Jos. B. Glover	5,000.00
	Stuart Wadsworth Wheeler Fund, a donation of Susan Farnum Wheeler	1,000.00
	Wm. Whitworth Gannett Fund, a donation of Wm. Whitworth Gannett	1,000.00
1903	Fred'k L. Ames Fund, a bequest of Mrs. Fred'k L. Ames . .	5,000.00
	John Ruggles Fund, a bequest of Mrs. Mary L. Ruggles . . .	10,000.00
	Carried forward	$1,608,642.69

Permanent Funds

	Brought forward	$1,608,642.69
1903	The Robert Chas. Billings Fund, a donation of Thomas Minns, surviving executor under the will of Robert Chas. Billings	5,000.00
	J. Sullivan Warren Fund, Legacy of Elizabeth T. L. Warren . .	62,350.00
1904	Chas. H. Hayden Fund, part of a bequest of Chas. H. Hayden	5,000.00
1904–1915	Harriet O. Cruft Fund, a donation and bequest of Miss Harriet O. Cruft	33,000.00
1904	Shepard Norwell Fund, a donation of John Shepard . . .	5,000.00
1905	Henry C. Weston Fund, a donation of Mrs. Evelyn O. Weston	5,000.00
	Geo. B. Upton Fund, a bequest of Geo. B. Upton	5,000.00
	Hannah Smith-Lexington Fund, a bequest of George O. Smith .	5,000.00
1906	Coburn Fund, a bequest of Mrs. Helen G. Coburn	75,000.00
	Nurses' Training School, Free Bed Fund	5,000.00
1907	Charles Merriam Fund, a bequest of Charles Merriam . . .	5,000.00
1908	Moses Williams Fund, a donation of Laura L. Case . . .	5,000.00
	Smith and Sarah A. Gerrish Fund, a bequest of Edward Gerrish	8,000.00
	Harriet O. Cruft Fund, a donation of Miss Harriet O. Cruft, as a Children's Fund . . .	5,000.00
1908–1916	W. Scott Fitz Fund, a donation of Mrs. W. Scott Fitz . . .	10,000.00
1910–1914	Florence Lyman Fund, a bequest of Florence Lyman	3,891.41
1910	Eugene V. R. Thayer Fund, a bequest in memory of Eugene V. R. Thayer	5,000.00
	Lucius Clapp Fund, a bequest of Lucius Clapp	5,000.00
	Thomas Niles Fund, a bequest of Thomas Niles	29,281.67
	William Litchfield Fund, a bequest of William Litchfield .	5,000.00
	Charles H. Draper Fund, a bequest of Charles H. Draper .	23,934.13
1911	James Rogers Rich Fund, a bequest of James Rogers Rich .	1,000.00
	Mrs. Bennett H. Nash Fund, a donation of Mrs. Bennett H. Nash	5,000.00
	Frances Fay and Arthur Kelsey Fay Memorial Fund, a donation of James H. Fay . . .	1,000.00
	Carried forward	$1,926,099.90

Permanent Funds

	Brought forward	$1,926,099.90
1911	The Catherine A. Barstow Fund, a bequest of Catherine A. Barstow	10,000.00
	Mary E. Badger Fund, a bequest of Mary E. Badger	2,000.00
	Thomas Talbot Fund, a bequest of Isabella W. Talbot . . .	5,000.00
1912	Matchett Fund, a bequest of Mrs. Sarah A. Matchett	25,000.00
	Waite Memorial Bed, a bequest of Harriet E. Goodnow . .	5,091.67
	Caroline M. Martin Fund, a bequest of Caroline M. Martin .	5,094.94
1913	John S. Ames Fund, a donation of John S. Ames	5,000.00
	Mary Stickney Fund, a bequest of Mary Spaulding	5,000.00
	George N. Smalley Fund, a bequest of George N. Smalley .	5,000.00
1914–1915	William S. Hills Fund, a bequest of William S. Hills	10,000.00
1914–1917	Dr. John M. Harlow Fund, a bequest of Dr. John M. Harlow of $31,125.47 and of Frances K. Harlow of $13,339.48 . . .	44,464.95
1915	Esther Storey Fund, a bequest of Joseph C. Storey	5,000.00
	Jane Elkins Fund, a bequest of Joseph C. Storey	5,000.00
	William N. Felton Fund, a bequest of William N. Felton .	5,000.00
	Jennie A. Pond Fund, a donation of H. D. Woods	5,250.00
	Susan Welles Sturgis Fund, a bequest of John Aiken Preston .	5,000.00
1916	Isabella Freeman Dillingham Bed, a bequest of Isabella W. Dillingham	5,314.44
	William Endicott Fund, a bequest of William Endicott, $25,000, and an Anonymous donation of $25,000	50,000.00
1917	Sylvester Bowman Fund, a bequest of Sylvester Bowman .	50,900.00
	Ellen Channing Fund, a bequest of Ellen Channing . .	5,000.00
	Mrs. Henry S. Grew Fund, a donation of Mrs. Henry S. Grew	5,000.00
	Timothy Paige Fund, a donation of Timothy Paige	4,000.00
	Balance January 1, 1918	$2,193,215.90
1918	Henry Lee Higginson Fund, given by his partners	4,250.00
	Mary T. Appleton Fund, bequest of Mary T. Appleton . . .	1,000.00
	Carried forward	$2,198,465.90

Permanent Funds

	Brought forward	$2,198,465.90	
1918	The Moses Wildes Fund, bequest of Moses Wildes	20,104.16	
	Mary Helen Freeman Fund, bequest of Mary Helen Freeman	1,000.00	
			$2,219,570.06

INCOME UNRESTRICTED.

1845	The Waldo Fund, bequest of Daniel Waldo		$40,000.00	
	Dr. J. H. Whittemore Memorial Fund:			
	William S. Bullard	$500.00		
	Peter C. Brooks .	200.00		
	Martin Brimmer .	300.00		
	Arthur T. Lyman .	250.00		
	Geo. P. Metcalf .	100.00		
	Benton, Caverly & Co.	100.00		
	B. Johnson . .	100.00		
	A Friend . . .	1,000.00		
	David P. Kimball .	500.00		
	T. Jefferson Coolidge	500.00		
	James L. Little .	100.00		
	Caroline G. Curtis	100.00		
	Theodore Lyman .	100.00		
	E. F. Mason . .	100.00		
	T. K. Lothrop . .	500.00		
	C. J. Morrill . .	1,000.00		
	George Higginson .	5,000.00		
	Edmund Dwight .	1,000.00		
	S. D. Warren . .	1,000.00		
	Mrs. J. E. Lodge .	100.00		
	Dr. Charles V. Bemis	50.00		
	George S. Hale .	50.00		
	Miss Anne Wigglesworth . . .	500.00		
	H. H. Hunnewell .	1,500.00		
	J. A. Emmons . .	500.00		
	Mrs. Gardner Brewer . . .	100.00		
	Miss C. A. Brewer	20.00		
	Mrs. E. B. Bowditch	500.00		
	Sands, Furber & Co.	100.00		
	J. B. Fletcher . .	100.00		
	Shattuck & Jones .	100.00		
	D. R. Whitney .	100.00		
	Nathan Robbins	100.00		
	William Perkins .	100.00		
	Chas. P. Curtis .	100.00		
	Otis E. Weld . .	500.00		
	Ida M. Mason . .	100.00		
	George B. Brown .	50.00		
	A Friend . . .	50.00		
	Carried forward	$17,170.00	$40,000.00	$2,219,570.06

Permanent Funds

	Brought forward	$17,170.00	$40,000.00	$2,219,570.06
1886	A Friend, through Mr. Endicott	100.00		
	John L. Bremer	500.00		
	Miss Anna Hallowell	100.00		
	N. P. Hallowell	100.00		
	G. W. Wells	100.00		
	A Lady, through Mr. Dalton	50.00		
	Franklin Haven, Jr.	100.00		
	Charles Merriam	100.00		
	Edward Austin	300.00		
	C. H. Dalton	300.00		
	Mrs. C. H. Dalton	50.00		
	Augustus Lowell	250.00		
	Henry Saltonstall	200.00		
	Mrs. G. H. Shaw	100.00		
	Mrs. Frank Morison	50.00		
	Mrs. J. H. Wolcott	100.00		
	Mrs. W. W. Vaughan	250.00		
	R. T. Paine	200.00		
	Francis Blake	100.00		
	Roger Wolcott	100.00		
	Henry Lee	500.00		
	A. A. Lawrence	300.00		
	William Endicott, Jr.	1,000.00		
	Henry Woods	500.00		
	Ezra Farnsworth	1,000.00		
	Thomas E. Proctor	500.00		
	Henry B. Rogers	500.00		
	Mary Anne Wales	200.00		
	Mrs. Jas. McGregor	100.00		
	Mrs. Caroline Merriam	100.00		
	Mrs. J. Elliot Cabot	1,000.00		
	J. M. Sears	1,000.00		
	Nathaniel Thayer	1,500.00		
	John E. Thayer	1,000.00		
	Bayard Thayer	1,000.00		
	E. V. R. Thayer	500.00		
	Mrs. Nathaniel Thayer	500.00		
	Mrs. J. F. Andrews	500.00		
	R. C. Greenleaf	1,000.00		
	Samuel Johnson	500.00		
	Mrs. Francis Brooks	100.00		
	J. H. Wolcott	100.00		
			$33,720.00	
1889	The Blake Fund, a bequest of Stanton Blake		10,000.00	
1892	Charles W. Faulkner Fund, bequest of C. W. Faulkner		2,940.00	
	Carried forward		$86,660.00	$2,219,570.06

Permanent Funds

	Brought forward	$86,660.00	$2,219,570.06
1897	The John Foster Fund, bequest of John Foster	10,000.00	
1898	Elizabeth C. Ware Fund, bequest of Elizabeth C. Ware . . .	10,000.00	
1901	Lucretia A. Wilder Fund, a bequest of Lucretia A. Wilder .	9,377.64	
	Roger Wolcott Fund, bequest of Roger Wolcott	5,000.00	
1915	Arthur T. Lyman Fund, a donation of Arthur T. Lyman . .	10,000.00	
1916	Mitchell A. Dearborn Fund, a bequest of Mitchell A. Dearborn	525.00	
1917	Arthur G. Tompkins Fund, a bequest of Arthur G. Tompkins .	25,000.00	
	Charles P. Jaynes Fund, a bequest of Charles P. Jaynes .	11,477.00	
1905	Edward W. Codman Fund, part of a bequest of Edward W. Codman	10,000.00	
	By vote of the Trustees, April 14, 1905, the income on $10,000 is to be transferred annually to the Training School for Nurses Fund.		
	Balance January 1, 1918	$178,039.64	
1918	Bequest of Mary Rose Harris, to be known as the Charles L. Pitts Fund	10,000.00	
	Bequest of Mrs. Caroline L. Weld, to be known as the Charles Goddard Weld Fund . . .	100.000.00	
			$288,039.64

INCOME DEVOTED TO ANY PURPOSE EXCEPT BUILDINGS

1862–1872	The Redman Fund, a bequest from John Redman	**455,113.34**

CHESTER H. DAVIS FUND.

1903	For Crippled Children, a bequest of Chester H. Davis	**20,000.00**

McLEAN HOSPITAL FUND.

1830	The Joseph Lee Fund, a donation of Joseph Lee, as heir of Francis Lee	$20,000.00	
1843	Appleton Fund, a bequest of $10,010 from Samuel Appleton and a donation of $20,000		
1854 1862	from William Appleton . .	30,010.00	
	Carried forward	$50,010.00	$2,982,723.04

Permanent Funds

	Brought forward	$50,010.00	$2,982,723.04
1851	The Bromfield Fund, half of a bequest from John Bromfield . . .	20,000.00	
1858	Austin Fund, part of a bequest from Mrs. Agnes Austin . .	5,000.00	
1859	Kittredge Fund, a bequest from Rufus Kittredge	5,500.00	
1870	Amusement Fund, $5,000 bequest of Miss Mary Louise Shaw;		
1875	$5,000 donation of Mrs. Quincy A. Shaw and other ladies . .	10,000.00	
1871	Read Fund, half of a bequest from James Read	1,000.00	
1872	McGregor Fund, half of a donation and bequest from James McGregor	7,500.00	
1874	Templeton Fund, half of a bequest from John Templeton . . .	5,000.00	
1876	Lincoln Fund, half of a bequest from Mrs. F. W. Lincoln . .	85,000.00	
1885	Proctor Fund, a bequest from Mrs. Lydia P. Proctor . .	1,000.00	
1888	Hibbard Occupation Fund . .	1,000.00	
1889	Higginson Fund, a bequest from George Higginson	10,000.00	
1890	Ellen M. Gifford Fund, part of a bequest from Ellen M. Gifford	5,000.00	
1895	Matchett Fund, a donation of Sarah A. Matchett	15,000.00	
	Thomas E. Proctor Fund for maintenance of buildings . .	30,000.00	
1896	Vose Fund, half of a bequest of Ann White Vose	38,983.09	
1897	Bradlee Fund, part of a donation from Helen C. Bradlee . . .	50,000.00	
1900	Abbott Fund, a bequest of Marshall K. Abbott	2,500.00	
1904	Fund for Department of Scientific Research, a donation of Sarah A. Matchett	5,000.00	
1906	Samuel Eliot Memorial Chapel Fund for maintenance of Chapel	10,904.84	
1909	George F. Parkman Fund, part of a bequest of George F. Parkman	50,000.00	
	Elizabeth B. Maxwell Fund, a bequest of Elizabeth B. Maxwell	1,030.00	
	Mercy A. Bailey Fund, a bequest of Mercy A. Bailey	5,500.00	
1911	Martha R. Hunt Fund, to be used for the entertainment of patients at McLean Hospital . .	10,135.00	
1912–1915	Matchett Memorial Fund, part of a bequest of Sarah A. Matchett	73,376.05	
	Carried forward	$498,438.98	$2,982,723.04

Permanent Funds

	Brought forward	$498,438.98	$2,982,723.04
1913	The Sarah E. Cazenove Fund, a bequest of Sarah E. Cazenove .	63,784.36	
1916	John Milton Hall Fund, a donation of a Friend	3,000.00	
			$565,223.34

CONVALESCENT HOSPITAL FUND.

1879	Sundry Donors (through Miss Russell)	$3,446.00	
	Executors of George O. Hovey . .	2,000.00	
1880	Sundry Donors (through Miss Russell)	2,513.00	
	Dr. and Mrs. C. E. Ware	1,000.00	
	Mrs. Sarah S. Fay	1,000.00	
	J. L. Gardner	1,000.00	
	Mrs. E. B. Bowditch	1,000.00	
	H. B. Rogers	1,000.00	
	Anne S. Hooper	1,000.00	
	E. Pierson Beebe and Mrs. Beebe . .	1,000.00	
	W. S. Bullard	500.00	
	Samuel W. Swett	500.00	
	William Amory	500.00	
	C. H. Dalton	500.00	
	Chas. P. Curtis	500.00	
	T. K. Lothrop	500.00	
	H. L. Higginson	300.00	
	F. L. Higginson	300.00	
	O. W. Peabody	250.00	
	J. R. Hall	200.00	
	George Dexter	200.00	
	Mrs. Mary M. McGregor	200.00	
	Mrs. Frank Morison	200.00	
	Eliza Goodwin	150.00	
	Friends	2,050.00	
	Mrs. Augustus Hemenway . . .	100.00	
	T. G. Appleton	100.00	
	J. R. Coolidge	100.00	
	H. P. Kidder and C. J. Morrill, Trustees	3,713.85	
	Margaret Curtis account Mrs. C. P. Curtis, Sr.	25.00	
	D. F. Appleton	50.00	
1881	Sundry Donors (through Miss Russell)	3,750.83	
	C. J. Morrill and Friend, one-half each	5,000.00	
	Moses Williams	1,000.00	
	A. T. Lyman	200.00	
	A. Cochrane	250.00	
	J. C. Gray	300.00	
	B. Schlessinger	500.00	
	Henry Saltonstall	500.00	
	Mrs. P. C. Brooks	300.00	
	Carried forward	$37,698.68	$3,547,946.38

Permanent Funds

	Brought forward	$37,698.68	$3,547,946.38
1881	T. J. Coolidge	300.00	
	Mrs. J. B. H. James	100.00	
	R. P. Wainwright	50.00	
	Ezra H. Baker	500.00	
	William S. Houghton	1,000.00	
	Elijah Smith	500.00	
	Mrs. Samuel Cabot	100.00	
	Charles Merriam	100.00	
	Caroline Merriam	100.00	
	W. G. Weld	250.00	
	Mrs. Theodore Chase, Sr.	50.00	
	Miss Cochrane (musical)	500.00	
	Alice M. Longfellow and sister	1,000.00	
	Leopold Morse	50.00	
	Samuel Eliot	500.00	
	Eliza Ashton, by Charles P. Curtis	500.00	
	"A Bostonian," by Charles P. Curtis	500.00	
	W. E. Bright	200.00	
	G. A. Nickerson	200.00	
	S. R. Payson	300.00	
	George C. Richardson	300.00	
	Edward Austin	500.00	
	Charles P. Hemenway	250.00	
	Nathaniel Thayer	20,000.00	
	H. P. Kidder	5,000.00	
	J. L. Bremer	1,000.00	
	Henry Lee	1,000.00	
	Martin Brimmer	300.00	
	Miss Anne Wigglesworth	300.00	
	Quincy A. Shaw	5,000.00	
	F. H. Peabody	500.00	
	S. B. Rindge	500.00	
	S. D. Warren	2,000.00	
	Elisha Atkins	500.00	
	H. H. Hunnewell	10,000.00	
	Nevins & Co.	500.00	
	W. Endicott, Jr.	2,500.00	
	Henry Woods	1,000.00	
	Samuel Johnson	500.00	
	R. C. Greenleaf	500.00	
	Henry Endicott	100.00	
1882	Ezra Farnsworth	500.00	
	W. C. Grover	1,000.00	
	Joseph B. Glover	100.00	
	Sundry Donors (through Miss Russell)	450.00	
	Miss Anne Wigglesworth	100.00	
	Frank L. Ames	3,000.00	
	Cornelia Dehon	75.00	
1883	Jerome G. Kidder, bequest	15,000.00	
1884	Samuel W. Swett, bequest	50,000.00	
1885	"Francis," donation	20.00	
1886	George A. Gardner, donation	5,000.00	
	Miss Mary Russell, donation	40.00	
1888	Elizabeth B. I. B. Dixwell, bequest	1,000.00	
1889–1895	Miss Helen C. Bradlee, donation	1,300.00	
	Carried forward	$174,333.68	$3,547,946.38

Permanent Funds

	Brought forward	$174,333.68	$3,547,946.38
1892	Elizabeth B. Bowditch, bequest . .	5,000.00	
1893	Mrs. Isaac Sweetser, in memory of Dr. Edw. H. Clarke, donation . .	1,000.00	
1912	Julia M. Moseley, bequest . . .	6,190.47	
		$186,524.15	
	Cost of Building	34,713.02	
			$151,811.13

SAMUEL CABOT FUND FOR PATHOLOGICAL INVESTIGATION

1888	Donation of Samuel Cabot and Dr. Arthur T. Cabot. Income devoted to salary of Surgical Pathologist .	$10,000.00

JOHN CALL DALTON AND EDWARD BARRY DALTON FUND

1891–1909	A donation from Charles H. and Henry R. Dalton. Income devoted to Investigation in the Science of Medicine	$25,000.00

PATHOLOGICAL LABORATORY AND RANDALL FUNDS

1895	Fanny G. Villiard	$1,000.00	
	Charles U. Cotting	500.00	
	Thomas Nelson	200.00	
	A. S. Bigelow	500.00	
	William S. Bullard	500.00	
	Henry C. Weston	500.00	
	"A Western Friend" (J. M. Forbes) .	5,000.00	
	R. H. White	1,000.00	
	Wallace L. Pierce	500.00	
	Caleb A. Curtis	500.00	
	Charles Merriam	500.00	
	Elizabeth R. Cabot	200.00	
	Elizabeth C. Ware	100.00	
	John C. Ropes	100.00	
	George G. Kennedy	1,000.00	
	J. Morris Meredith	100.00	
	William Powell Mason	1,000.00	
	W. B. Thomas	500.00	
	Mrs. F. L. Ames	5,000.00	
	Miss Mary S. Ames	1,000.00	
	Thomas Wigglesworth	1,000.00	
	H. H. Hunnewell	10,000.00	
	John L. Gardner	1,000.00	
1896	C. W. Amory	500.00	
	Mrs. S. D. Warren	5,000.00	
	Augustus Lowell	1,000.00	
	Henry Lee	1,000.00	
	T. Jefferson Coolidge	1,000.00	
	Carried forward	$40,200.00	$3,734,757.51

Permanent Funds

	Brought forward	$40,200.00	$3,734,757.51
1896	Henry L. Pierce	5,000.00	
	Charles Head	1,000.00	
	Martin Brimmer	1,000.00	
	Dr. Charles G. Weld	5,000.00	
	O. H. Alford	500.00	
	John A. Burnham	500.00	
	Mr. and Mrs. W. Scott Fitz	1,000.00	
	Oliver Ames	1,000.00	
	D. L. Pickman	200.00	
	W. D. Sohier	100.00	
	George F. Fabyan	1,000.00	
	Miss A. P. Rogers	500.00	
	A Friend	400.00	
	Mrs. W. D. Pickman	1,000.00	
	Frank Simpson	1,000.00	
	A. A. Lawrence	500.00	
	E. Pierson Beebe	1,000.00	
	J. Reed Whipple	500.00	
	A. Hemenway	1,000.00	
	W. H. Forbes	500.00	
	Mrs. Frank Merriam	500.00	
	Mrs. William C. Loring	1,000.00	
	Estate of Eben D. Jordan	5,000.00	
	Nathaniel Thayer	1,000.00	
	Mrs. J. N. Fiske	1,000.00	
	Through Dr. A. T. Cabot	100.00	
	Through Dr. Chas. B. Porter	100.00	
	W. Sturgis Bigelow	2,500.00	
	Anna S. C. Prince	1,000.00	
	Wm. Endicott, Jr.	5,000.00	
	Interest on Fund added	1,947.02	
1897	Henry M. Whitney	1,000.00	
	Children of Samuel Parkman	2,000.00	
	Laurence Minot	100.00	
	Mrs. Henry S. Grew	500.00	
	George Wigglesworth	100.00	
	William Minot	100.00	
	A. Hemenway	1,000.00	
	Miss A. P. Carey	500.00	
	Allen Danforth	100.00	
1912	Mrs. Mary Upham Johnson, a bequest	3,201.32	
	Pathological Fund	$90,648.34	
	Apparatus and Equipment	26,772.93	
		$63,875.41	
1898	John W. and Belinda L. Randall Fund	20,000.00	
			$83,875.41

TRAINING SCHOOL FOR NURSES FUND.

1897	C. P. Curtis, Treasurer, for sundry donors	$18,386.42	
	John Foster	5,000.00	
1902	Francis Skinner	1,000.00	
	Carried forward	$24,386.42	$3,818,632.92

Permanent Funds

	Brought forward	$24,386.42	$3,818,632.92
1904	Francis E. Bangs	2,000.00	
	William Amory	25.00	
	George A. Gardner	2,000.00	
	Mrs. Ernest B. Dane	100.00	
	Mrs. Robert W. Emmons	25.00	
	Mrs. Larz Anderson	50.00	
	Mrs. John L. Bremer	100.00	
	Mrs. George F. Fabyan	50.00	
	J. Randolph Coolidge	100.00	
	H. D. Chapin	10.00	
	A Friend	1.00	
	Dr. J. F. Burnham	1.00	
	Miss Fannie R. Brewer	100.00	
	F. L. Higginson	100.00	
	Mrs. J. B. Case	100.00	
	Miss Georgina Lowell	25.00	
	Mrs. E. Preble Motley	50.00	
	Arthur A. Carey	25.00	
	Mrs. Annie L. Woods	100.00	
	Thomas Wigglesworth	500.00	
	Miss Isabel Fabyan	50.00	
	Charles E. Cotting	50.00	
	Mrs. B. P. Cheney	50.00	
	T. Jefferson Coolidge	500.00	
	Mr. and Mrs. Thornton K. Lothrop	500.00	
	Charles H. Dalton	100.00	
	Mrs. A. W. Blake	50.00	
	Miss B. F. Blake	50.00	
	Forbes Lithograph Co.	10.00	
	Mrs. W. Scott Fitz	100.00	
	Miss Eliza W. S. Parkman	10.00	
	Walter Hunnewell	100.00	
	Henry S. Hunnewell	50.00	
	Mrs. F. B. Harrington	10.00	
	Miss Mary S. Ames	50.00	
	W. O. Gay	100.00	
	The Misses Minot	25.00	
	Miss Sarah F. Bremer	50.00	
	Stephen Bullard	50.00	
	Samuel W. Rodman	20.00	
	Mrs. F. C. Manning	10.00	
	Miss M. L. Blake	10.00	
	Miss Mary Brandegee	50.00	
	Shepherd Brooks	400.00	
	O. H. Alford	100.00	
	Mrs. Alford	15.00	
	Miss Mary Thomas	10.00	
	Miss Sarah C. Paine	25.00	
	Miss Mary W. Eastman	100.00	
	Charles W. Hubbard	25.00	
	Mrs. John C. Phillips	50.00	
	George F. Fabyan	1,000.00	
	Graduate of School	50.00	
	Graduate of School	1.00	
1905	Mrs. Algernon Coolidge	10.00	
	Luce & Manning	25.00	
	Carried forward	$33,654.42	$3,818,632.92

Permanent Funds

	Brought forward	$33,654.42	$3,818,632.92
1905	Mrs. J. T. Eldredge	5.00	
	Mrs. William C. Otis	100.00	
	Nurses' Alumnæ Association	53.50	
	Miss Mary Lee Ware	500.00	
	Miss Alice Longfellow	5.00	
	John T. Coolidge	100.00	
	Mrs. Theodore Lyman	100.00	
	Mrs. G. Howland Shaw	100.00	
	Clement S. Houghton	25.00	
	Louis S. Dabney	25.00	
	William S. Dexter	200.00	
	Thomas P. Beal	50.00	
	Francis Skinner	300.00	
	Henry Mulliken	500.00	
	Mrs. W. S. Bullard	25.00	
	Mrs. H. S. Grew	25.00	
	Richard H. Weld	25.00	
	Mr. and Mrs. George Putnam	200.00	
	Mr. and Mrs. N. Thayer	2,000.00	
	Mr. and Mrs. Dudley L. Pickman	100.00	
	F. L. Higginson	250.00	
	Mrs. G. G. Hammond	100.00	
	Mr. and Mrs. H. M. Sears	200.00	
	Mrs. Daniel Merriman	50.00	
	Arthur Amory	5.00	
	Mrs. Otis Norcross, Jr.	50.00	
	Alexander Cochrane	100.00	
	Mrs. S. Parkman Blake	100.00	
	Grant Walker	100.00	
	Mrs. J. J. Storrow	10.00	
	Mrs. H. H. Fay	25.00	
	Miss M. B. Lothrop	50.00	
	Francis W. Hunnewell	100.00	
	Nathaniel T. Kidder	500.00	
1906	Mrs. Anna D. Blake	50.00	
	William P. Blake	50.00	
	E. Pierson Beebe	50.00	
	Miss Emma Rodman	25.00	
1907	Mrs. R. G. Shaw	50.00	
1909	Mrs. A. Coolidge	10.00	
1912	Henry A. Wyman	5.00	
1913	Miss Harriet W. Barnes	50.00	
			$40,022.92

ART ROOM FUND.

1904	Mrs. Samuel Eliot	$500.00	
	Sundry Donors and interest added	518.35	
			$1,018.35

ORTHOPEDIC WARD FUND.

1906–1907	Nathaniel Thayer	$5,000.00	
	Bayard Thayer	5,000.00	
	Mrs. Lester Leland	5,000.00	
	Carried forward	$15,000.00	$3,859,674.19

Permanent Funds

	Brought forward	$15,000.00	$3,859,674.19
1906–1907	John and W. S. Spaulding and Mrs. H. F. King	5,000.00	
	Mrs. W. G. Weld	5,000.00	
	Mr. and Mrs. H. M. Sears	5,000.00	
	Mrs. B. P. Cheney	5,000.00	
	Augustus Hemenway	3,000.00	
	J. L. Bremer	2,448.64	
	E. V. R. Thayer	2,500.00	
	H. E. Converse	2,500.00	
	Miss Mary Ames	2,000.00	
	Mrs. Edward D. Brandegee . . .	1,500.00	
	Nelson Curtis	1,500.00	
	Max Agassiz	1,000.00	
	G. L. Peabody	1,000.00	
	F. Gordon Dexter	1,000.00	
	C. W. Amory	1,000.00	
	William Endicott, Jr.	1,000.00	
	P. L. Saltonstall	1,000.00	
	Samuel Dana	1,000.00	
	Mrs. J. H. Wright	1,000.00	
	Lyman Nichols	1,000.00	
	Francis Blake	2,000.00	
	Miss Elizabeth Cheney	1,000.00	
	Mrs. Roger Wolcott, Sr.	1,000.00	
	John Parkinson	500.00	
	Mrs. Peter C. Brooks	250.00	
	John Saltonstall	250.00	
	John A. Burnham	100.00	
	F. P. Sprague	100.00	
	W. O. Gay	100.00	
	Wallace L. Pierce	300.00	
		$65,048.64	
	Building and Equipment	38,577.72	
			$26,470.92

CLINICAL LABORATORY FUND.

1908	Bequest of Mrs. Grace M. Kuhn . .	$10,000.00

SARAH PROCTOR JOSLIN FUND.

1913	Bequest of Sarah Proctor Joslin . .	$1,000.00

DR. WALTER J. DODD MEMORIAL FUND.

1916	Mrs. Walter J. Dodd	$100.00	
1917	A Friend	1,000.00	
	A Friend	2.00	
	Dr. and Mrs. F. A. Washburn . . .	100.00	
	G. N. Talbot	100.00	
	Dr. Vincent Y. Bowditch	5.00	
	Dr. James B. Ayer	10.00	
	Carried forward	$1,317.00	$3,897,145.11

Permanent Funds

	Brought forward	$1,317.00	$3,897,145.11
1917	Dr. Henry M. Chase	5.00	
	Dr. John W. Cummin	15.00	
	Dr. J. Collins Warren	50.00	
	Dr. H. K. Boutwell	5.00	
	Dr. Herman F. Vickery	10.00	
	Dr. Mabel D. Ordway	10.00	
	Dr. Charles J. White	15.00	
	Dr. W. E. Paul	25.00	
	Dr. E. A. Codman	25.00	
	Mrs. Marion J. Means	25.00	
	Dr. J. Payson Clark	25.00	
	Dr. L. L. Bigelow	5.00	
	Dr. James J. Putnam	25.00	
	Dr. F. B. Lund	100.00	
	Dr. Richard C. Cabot	100.00	
	Dr. E. W. Emerson	5.00	
	Dr. George H. Wright	50.00	
	Dr. E. P. Bagg, Jr.	5.00	
	Dr. Robert B. Osgood	10.00	
	Dr. Joseph L. Goodale	3.00	
	Dr. George M. Sheahan	5.00	
	Dr. Wilder Tileston	10.00	
	Dr. Henry Lee Morse	25.00	
	Lieut.-Col. H. H. Shaw	5.00	
	Dr. Henry L. Sanford	10.00	
	Dr. Elisha Flagg	25.00	
	Dr. F. H. Davenport	25.00	
	Dr. F. Van Nüys	2.00	
	Dr. Robert M. Green	5.00	
	Drs. E. P. and E. D. Joslin	10.00	
	Dr. R. M. Smith	10.00	
	Dr. Adelbert S. Merrill	5.00	
	Dr. Richard Dexter	15.00	
	Dr. Elliott C. Cutler	10.00	
	Dr. George H. Monks	10.00	
	George Wigglesworth	1,000.00	
	Dr. George S. Derby	15.00	
	Dr. John W. Elliot	100.00	
	Mrs. Lewis Agassiz Shaw	4.00	
	Dr. Walter C. Seelye	5.00	
	Dr. Frederick W. Taylor	5.00	
	Dr. Herbert C. Moffitt	100.00	
	Dr. W. F. Whitney	5.00	
	Dr. Hyman Morrison	5.00	
	Dr. Seabury W. Allen	10.00	
	Dr. A. A. Davis	10.00	
	Dr. Walter I. Baldwin	10.00	
	Dr. George K. Sabine	5.00	
	Dr. Theodore J. Eastman	10.00	
	Dr. Henry S. Forbes	10.00	
	Dr. Joseph B. Howland	10.00	
	Dr. James J. Minot	50.00	
	Dr. Marshal Fabyan	100.00	
	Dr. Herbert B. Howard	25.00	
	Dr. Franklin G. Balch	100.00	
	Dr. Horace Binney	10.00	
	Carried forward	$3,591.00	$3,897,145.11

Permanent Funds

	Brought forward	$3,591.00	$3,897,145.11
1917	Dr. Frances W. Peabody	10.00	
	Dr. Chauncey W. Norton	25.00	
	Dr. William H. Buffum	5.00	
	Dr. James L. Gamble	20.00	
	Dr. Edward L. Young, Jr.	5.00	
	Dr. Augustus Thorndike	250.00	
	Dr. Charles G. Mixter	5.00	
	Dr. Herbert J. Hall	10.00	
	Dr. Lloyd T. Brown	10.00	
	Dr. Charles N. Meader	10.00	
	Dr. W. P. Graves	5.00	
	Dr. Charles S. Butler	25.00	
	Dr. Russell T. Congdon	5.00	
	Dr. Charles Edwin Briggs	25.00	
	Dr. Harvey P. Towle	10.00	
	Dr. John B. Hawes, 2d	10.00	
	Mrs. Mabell Burleigh Chase	35.00	
	Dr. William Jason Mixter	25.00	
	Dr. H. P. Greeley	5.00	
	Balance January 1, 1918	$4,086.00	
1918	Donation of Dr. D. Crosby Greene	25.00	
	Donation of Alumnæ Association of the Massachusetts General Hospital Training School for Nurses	65.00	
	Accumulated interest	301.12	
			$4,477.12

INCOME DEVOTED TO BOOKS FOR PATIENTS.

1841	Warren Library Fund, a donation from Dr. J. C. Warren	$1,000.00

INCOME DEVOTED TO THE LIBRARY.

1857	Treadwell Library Fund, part of a bequest of J. G. Treadwell	$5,000.00	
1913	Donation of Richard Olney	100.00	
1914	Donation of Dr. Daniel Fiske Jones	5.00	
	Donation of Dr. John M. T. Finney	200.00	
1917	Donation of Dr. John W. Elliot	1,000.00	
			$6,305.00

WOODEN LEG FUND.

1861	Donation — P. K.	$100.00	
	Bequest of N. I. Bowditch	5,000.00	
	George A. Newell Fund	2,500.00	
			$7,600.00
	Carried forward		$3,916,527.23

Permanent Funds

INCOME DEVOTED TO A TRIENNIAL PRIZE.

	Brought forward		$3,916,527.23
1868	Warren Prize Fund, a bequest from Dr. J. M. Warren	$1,880.00	
	Accumulated interest	3,305.84	
			$5,185.84

INCOME DEVOTED TO SPECIAL SURGICAL INSTRUMENTS

1870	Donation of Dr. Henry J. Bigelow .	$1,250.00	
1881	Donation of R. M. Moore	100.00	
1889	Donation of Lydia B. and O. A. Taft .	100.00	
	Donation of Chas. S. Bixby . . .	25.00	
1902	Arthur Appleton Beebe Fund . . .	5,000.00	
			$6,475.00

INCOME DEVOTED TO MUSIC AT HOSPITAL.

1894	George C. and Anne H. Shattuck Fund, donation of Dr. Frederick C. Shattuck	$2,000.00

NEW ENDOWMENT FUND.

1917	Donation of George R. Agassiz . .	$500.00	
	Donation of Miss Sarah H. Blanchard	500.00	
	Balance January 1, 1918 . . .	$1,000.00	
1918	Donation of George Wigglesworth .	5,000.00	
			$6,000.00

SOCIAL SERVICE FUND.

1916	Donation of Mrs. Shepherd Brooks .	$15,000.00	
	Bequest of Susan C. Dove	5,000.00	
1917	Donation of Susan P. Atkinson . .	100.00	
	Balance January 1, 1918	$20,100.00	
1918	Donation of Mrs. Henry P. Kidder .	500.00	
			$20,600.00

FOSTER FAMILY FUND.

1918	Donation of C. H. W. Foster	$10,000.00

A permanent fund in the name of the donor. The income to be used to pay the Hospital bills of patients nominated by the donor or his wife. After their decease the power of nomination shall descend in succession to their oldest child living, then grandchild. Thereafter, or in case the line of descent shall cease, the income shall be for the unrestricted uses of the Hospital.

Total Permanent Funds	$3,966,788.07

SPECIAL PURPOSE FUNDS

FREE BED SUBSCRIBERS FOR TEN YEARS.

Walter Hunnewell (1909–1918)	$1,000.00	
Mary G. Pickering (1909–1918)	1,000.00	
Mrs. Charles H. Dalton (1910–1919)	1,000.00	
Frances E. (Cutler) Sprague Fund (1911–1920)	1,000.00	
Mrs. C. G. Rice (1912–1921)	1,000.00	
Mrs. W. Scott Fitz (1913–1922)	1,000.00	
James Longley (1914–1923)	1,000.00	
Mrs. Louis A. Frothingham (1915–1924)	1,000.00	
The late Henry R. Dalton (1915–1924)	1,000.00	
Mrs. Henry S. Grew (1915–1924)	1,000.00	
Mrs. O. H. Alford (1916–1925)	1,000.00	
Miss Martha A. Alford (1916–1925)	1,000.00	
Mr. and Mrs. Shepherd Brooks (1916–1925)	1,000.00	
Mrs. George D. Howe (1916–1925), Memory of George D. Howe	1,000.00	
Frank G. Webster (1917–1926)	1,000.00	
Mrs. Elizabeth Cabot Lyman (1917–1926)	1,000.00	
The Misses Kimball (1917–1926)	1,000.00	
Mrs. Anne P. Rice (1918–1927)	1,000.00	
	$18,000.00	
Expired	8,600.00	
		$9,400.00

NURSES' HOME FUND — McLEAN HOSPITAL

1913	Donation of Miss Elizabeth L. Grant	$1,000.00	
1914	A Friend	40,000.00	
	Sundry Donors (through Mrs. E. Stanley Abbot)	13,679.70	
	Donation of Miss Sara E. Parsons	5.00	
1915	Donation of Miss Louise W. Case	100.00	
	Donation of Sundry Donors (through Mrs. E. Stanley Abbot):		
	Anonymous	16.00	
	Edward B. Field	15.00	
	Mrs. A. H. Hews	25.00	
	Mrs. Charlotte Nichols Greene	10.00	
	Mrs. Isabel B. Richardson	10.00	
1916	A Friend	2,500.00	
	Mrs. Florence N. Putnam	100.00	
1917	Accumulated Income	9,586.93	
		67,047.63	
	Expended on Plans, etc.	2,881.61	
	Balance January 1, 1918	64,166.02	
1918	Income	4,002.63	
		$68,168.65	
	Expended on plans	2,001.93	
			$66,166.72
			$75,566.72

Special Purpose Funds

CHILDREN'S MEDICAL WARD BUILDING FUND

	Brought forward		$75,566.72
1913	Donation of G. S. Talbot	$250.00	
1917	Accumulated Income	60.44	
	Balance January 1, 1918	$310.44	
1918	Income	19.85	
			$330.29

TRAINING SCHOOL FOR NURSES ENDOWMENT FUND

1915	Graduate of School	$200.00	
	Miss Louise C. May	80.00	
	Miss Susan L. Mills	5.00	
	Miss Louie W. Wellington	25.00	
	Miss Sara E. Parsons	200.00	
	Dr. Benjamin Brown	10.00	
	Graduate of School	1.00	
	Miss R. Helen Cleland	200.00	
	A Graduate of 1880	50.00	
	Miss Annabelle McCrae	110.00	
	Miss Jane F. Riley	100.00	
	Miss Grace Nichols	10.00	
	Mrs. John Bartol	15.00	
	Miss E. W. Allen	2.00	
	Miss Mary F. Emery	12.00	
	Miss Alice C. S. Cushman	5.00	
	Miss Grace Stackpole	15.00	
	Miss Helen B. Fenton	10.00	
	Miss Grace Nichols	100.00	
	Miss Frances C. Dailey	7.50	
	Mrs. William S. Ely	1,000.00	
	Mrs. Samuel Cabot	100.00	
	Miss Fannie R. Slayton	20.00	
	Miss Helen G. O'Dea	2.00	
	Miss Helen T. Niverson	10.00	
	Miss V. C. Hall	4.00	
	Miss Helen Wood	40.00	
	Miss Harriet J. Allyn	25.00	
	Mrs. Helen A. Wayland Hudson	10.00	
	Miss Agnes J. Trull	10.00	
	Miss Alice M. Watson	10.00	
	Mrs. and Miss Alford	200.00	
	Mrs. Jessie E. Grant	10.00	
	Miss Eileen R. Curley	5.00	
	Miss Charlotte M. Perry	60.00	
	Miss Olga Olson	5.00	
	Miss Josephine Mulville	10.00	
	Miss Ruth C. Blair	5.00	
	Miss Helen M. Finlay	1.00	
	Miss Hannah Ward	10.00	
	Miss Mary L. Keith	100.00	
	Miss Jessie L. Brown	25.00	
	Miss Harriet L. P. Friend	100.00	
1916	Mrs. Isaac Phillips, in memory of Ethel May Fixter	10.00	
	Miss Rose K. Butler	10.00	
	Carried forward	$2,939.50	$75,897.01

Special Purpose Funds

	Brought forward	$2,939.50	$75,897.01
1916	Miss Mary E. Higson	10.00	
	Miss Melissa J. Cook	5.00	
	Miss Christina J. McDonald	2.00	
	Miss Anna G. Griffin	5.00	
	Mrs. Oscar Feuerstein	10.00	
	Miss Esther Dart	50.00	
	Miss Hannah J. Brierley	10.00	
	Miss Alice Scott	25.00	
	Mrs. Frederick A. Driscol	10.00	
	Miss Maria Brown	5.00	
	Mrs. Daniel Coakley	102.00	
	Mrs. Webster H. Carney	5.00	
	Miss Adele Richardson	10.00	
	Miss Elizabeth P. Hamlen	10.00	
	Mrs. John R. MacKinnon	5.00	
	Miss Mary O. Clark	20.00	
1917	Mrs. Marie A. Sirois	25.00	
	Miss Mary R. Wiggin	25.00	
	Miss Helen Redfern	10.00	
	Mrs. Justin Starkie	5.00	
	Miss Burtella L. Tompkins	5.00	
	Miss Ella M. Tompkins	10.00	
	Miss Blanche M. Craven	10.00	
	Miss Mae G. Rodger	10.00	
	Miss Alice O. Tippett	10.00	
	A Friend, in name of Margaret Russell	100.00	
	A Friend, in memory of Mary Kelley Johanesson	100.00	
	Miss Edith Hinchcliffe	12.00	
	Miss Mary E. McElligot	10.00	
	Dr. E. Lawrence Oliver	10.00	
	Miss Eunice A. Smith	25.00	
	Miss Myra A. Whitney	5.00	
	Miss Carrie M. Hall	50.00	
	Mrs. Amelia S. Crane	102.00	
	Miss Frances P. West	45.00	
	Miss Edith F. Moulton	10.00	
	Miss Laura E. Currier	12.00	
	Mrs. Henry D. Evans	5.00	
	Mrs. George H. Rogers	10.00	
	Miss Hilda George	100.00	
	Miss Annie H. Smith	5.00	
	Mrs. Daniel Coakley	102.00	
	Miss Winifred H. Brooks	25.00	
	Accumulated Income	228.29	
	Balance January 1, 1918	$4,289.79	
1918	Donation of Miss Annabella McCrae	15.00	
	Donation of Miss Helen G. O'Dea	2.00	
	Donation of Miss Sara E. Parsons	100.00	
	Donation of Miss Alice Scott	35.00	
	Donation of Miss Annie H. Smith	45.00	
	Donation of Miss Charlotte M. Perry	40.00	
	Donation of Mrs. Arthur E. Hudson	10.00	
	Donation of Miss Frances P. West	15.00	
	Carried forward	$4,551.79	$75,897.01

Special Purpose Funds

	Brought forward	$4,551.79	$75,897.01
1918	Donation of Miss Irene W. Mason .	25.00	
	Donation of Miss Frances C. Daily .	5.00	
	Donation of Miss Hannah J. Brierley	10.00	
	Donation of Mrs. Webster H. Carney	1.50	
	Donation of Mrs. George H. Rogers .	10.00	
	Donation of F. L. Higginson . . .	42.62	
	Donation of Miss Honora Fitzpatrick	25.00	
	Donation of Miss Mary G. Ely . .	50.00	
	Donation of Miss Augusta C. Ely .	50.00	
	Donation of Arthur A. Cary . . .	10.00	
	Donation of Miss Louise C. May . .	10.00	
	Donation of Miss Grace M. Neal . .	50.00	
1918	Income	291.40	
			$5,132.31

INCOME AND PRINCIPAL DEVOTED TO THE PUBLICATION OF A HISTORY OF THE HOSPITAL

1861	Bowditch History Fund, a bequest from N. I. Bowditch	$2,000.00
	Total Special Purpose Funds .	$83,029.32

GENERAL FUND

1811	Commonwealth of Massachusetts, Province House Estate		$40,000.00
	Cutting stone for Hospital		35,070.27
1811–1843	Subscribers for Foundation		
	Benjamin and Caleb Adams	$100.00	
	Joseph Allen	100.00	
	Hannah R. Amory	100.00	
	John Amory	200.00	
	Jonathan Amory	200.00	
	Ebenezer T. Andrews	300.00	
	Nathan Appleton	500.00	
	Samuel Appleton	2,000.00	
	William Appleton, for himself	100.00	
	William Appleton, for an unknown	200.00	
	Samuel T. Armstrong	100.00	
	Nathaniel Austin	100.00	
	Adam Babcock	300.00	
	Baker, Brown, and Co.	100.00	
	Aaron Baldwin	110.00	
	Charles Barnard	100.00	
	John Bartlett	100.00	
	Thomas Bartlett	300.00	
	Stephen Bean	100.00	
	Jeremiah Belknap	100.00	
	John Belknap	100.00	
	John Bellows	100.00	
	Amos Binney	300.00	
	John Bishop	100.00	
	George Blake	100.00	
	George Bond	180.00	
	Boott, Kirk, and Sons	300.00	
	Mary Boott	300.00	
	Charles Bradbury	100.00	
	Gamaliel Bradford	100.00	
	Joseph P. Bradlee	100.00	
	Josiah Bradlee	200.00	
	Thomas D. Bradlee	100.00	
	Nathan Bridge	100.00	
	Andrew Brimmer	100.00	
	John Brooks	100.00	
	Peter C. Brooks	2,000.00	
	Moses Brown	100.00	
	Samuel Brown	100.00	
	John Bryant	100.00	
	Thomas Bumstead	125.00	
	Benjamin Bussey	1,000.00	
	George Cabot	100.00	
	John Cabot	150.00	
	Sarah and Susan Cabot	100.00	
	Carried forward	$11,365.00	$75,070.27

General Fund

	Brought forward	$11,365.00	$75,070.27
1811–1843	William Cabot	100.00	
	Francis Carnes	200.00	
	Richard Chamberlain	100.00	
	Walter Channing	100.00	
	William E. Channing	100.00	
	Henry Chapman	100.00	
	Town of Chelsea	145.42	
	David W. Child	100.00	
	Samuel Cobb	200.00	
	William Cochran	100.00	
	Charles R. Codman	100.00	
	Margaret Coffin (and Ann Smith)	100.00	
	Collections in Ward 4	340.00	
	Collections in Ward 10	373.00	
	Joseph Coolidge	2,000.00	
	Joseph Coolidge, Jr.	1,000.00	
	Thomas Cordis	100.00	
	Uriah Cotting	100.00	
	Allen Crocker	100.00	
	Benjamin W. Crowninshield	200.00	
	George Crowninshield	500.00	
	Thomas Curtis	100.00	
	John P. Cushing	5,000.00	
	Thomas Cushing, a share in Exchange Coffee House, worth	300.00	
	William Dall	100.00	
	Benjamin Dana	100.00	
	Nathan Dane	200.00	
	Amasa Davis	100.00	
	A. and C. Davis	150.00	
	Charles Davis	100.00	
	Daniel Davis	100.00	
	Eleanor Davis	200.00	
	Joshua Davis	100.00	
	William Davis	150.00	
	Thomas Dawes	100.00	
	H. A. S. Dearborn	150.00	
	P. P. F. Degrand	175.00	
	Thomas Dennie	100.00	
	John Derby	300.00	
	Richard Derby	100.00	
	Richard C. Derby	300.00	
	Humphrey Devereux	100.00	
	Aaron Dexter	100.00	
	Katharine Dexter	100.00	
	Pickering Dodge	300.00	
	John Dorr	110.00	
	Samuel Dorr	100.00	
	Catherine Eliot	200.00	
	John S. Ellery	100.00	
	David Ellis	100.00	
	Samuel Endicott	100.00	
	Otis Everett	100.00	
	Exhibition of Mummy	1,257.87	
	Samuel Fales	100.00	
	Ebenezer Farley	125.00	
	Carried forward	$28,341.29	$75,070.27

General Fund

	Brought forward	$28,341.29	$75,070.27
1811–1843	Female Association	753.08	
	Joseph Field	100.00	
	Joshua Fisher	100.00	
	Simon Forrester	2,000.00	
	Ebenezer Francis	200.00	
	John French	100.00	
	French and Weld	120.00	
	Robert H. Gardiner	200.00	
	Samuel P. Gardiner	100.00	
	Abraham Gibson	100.00	
	Nathaniel Goddard	200.00	
	John Gore	200.00	
	Francis C. Gray	100.00	
	Henry Gray	1,000.00	
	Horace Gray	1,000.00	
	John C. Gray	100.00	
	John C. Gray	300.00	
	William Gray	500.00	
	Gardiner Greene, $1,000 in three per cents	650.00	
	David Greenough	200.00	
	David S. Greenough	200.00	
	Dudley Hall	200.00	
	Samuel Hammond	200.00	
	John Hancock	200.00	
	Harvard College	213.32	
	Lemuel Hayward	100.00	
	Joseph Head	1,000.00	
	Joseph Head, Jr.	100.00	
	Augustine Heard	100.00	
	Barnabas Hedge	150.00	
	David Hinckley	1,000.00	
	Hingham, Third Parish	504.44	
	John Holland	200.00	
	Benjamin P. Homer	100.00	
	Henry Homes	100.00	
	John Howe	100.00	
	Henry Hubbard	100.00	
	John Hubbard	200.00	
	Humane Society of Massachusetts	5,140.56	
	Humane Society (Merrimack)	2,000.00	
	Jonathan Hunnewell	100.00	
	John Hurd	100.00	
	Joseph Hurd	200.00	
	Charles Jackson	400.00	
	James Jackson	420.00	
	Patrick T. Jackson	220.00	
	Samuel Jacques, Jr.	100.00	
	John Coffin Jones	500.00	
	Thomas Kilby Jones	200.00	
	Abigail Joy and family	300.00	
	Benjamin Joy	250.00	
	John Kidder, Jr.	100.00	
	Josiah Knapp	100.00	
	Seth Knowles	100.00	
	William Lambert	100.00	
	Amos and Abbott Lawrence	200.00	
	Carried forward	$51,662.69	$75,070.27

General Fund

	Brought forward	$51,662.69	$75,070.27
1811–1843	William Lawrence	100.00	
	Francis Lee	100.00	
	George Lee	150.00	
	Joseph Lee	300.00	
	Thomas Lee, Jr.	100.00	
	Winslow Lewis	100.00	
	Lincoln and Wheelwright	100.00	
	James Lloyd	1,000.00	
	Caleb Loring	100.00	
	Francis C. Lowell	400.00	
	John Lowell	450.00	
	George W. Lyman	150.00	
	Theodore Lyman	2,000.00	
	Theodore Lyman, Jr.	150.00	
	Josiah Marshall	100.00	
	Massachusetts Charitable Fire Society	900.00	
	Perrin May	100.00	
	Samuel May	100.00	
	Samuel R. Miller	100.00	
	William Minot	100.00	
	John Morse	100.00	
	Thomas Motley	100.00	
	Israel Munson	1,000.00	
	Caleb Oakes	100.00	
	John Odin	200.00	
	George Odiorne	100.00	
	Joseph Orne	200.00	
	Samuel Orne	200.00	
	John Osborn	200.00	
	H. G. Otis	500.00	
	Daniel P. Parker	500.00	
	John Parker	500.00	
	Samuel Parkman	2,000.00	
	Samuel Parkman, Jr.	200.00	
	Nehemiah Parsons	200.00	
	William Parsons	1,500.00	
	M. Payne	100.00	
	William Payne	100.00	
	Joseph Peabody	2,000.00	
	James Perkins	5,000.00	
	Samuel G. Perkins	100.00	
	Thomas H. Perkins	5,000.00	
	John Perry	100.00	
	John Phillips	100.00	
	Jonathan Phillips	100.00	
	Stephen Phillips	200.00	
	William Phillips, including $5,000 legacy of his father	20,000.00	
	Henry Pickering	100.00	
	Benjamin Pickman, Jr.	1,000.00	
	Dudley L. Pickman	150.00	
	William Pickman	300.00	
	Paschal P. Pope	100.00	
	John Pratt	135.00	
	William Pratt	400.00	
	William Prescott	150.00	
	Carried forward	$100,997.69	$75,070.27

General Fund

	Brought forward	$100,997.69	$75,070.27
1811–1843	James Prince	250.00	
	John Prince	200.00	
	Josiah Quincy	200.00	
	Isaac Rand	100.00	
	John Randall	100.00	
	John T. Reed	100.00	
	Joseph W. Revere	100.00	
	Paul Revere	100.00	
	Henry G. Rice	100.00	
	Benjamin Rich	300.00	
	John Richards	100.00	
	Andrew Ritchie	500.00	
	Nathan Robinson	200.00	
	Daniel D. Rogers	1,000.00	
	William Ropes	150.00	
	Nathaniel P. Russell	500.00	
	Samuel Salisbury	500.00	
	Samuel Salisbury, Jr.	100.00	
	Samuel Sanford	300.00	
	Daniel Sargent	200.00	
	Ignatius Sargent	400.00	
	William Sawyer	100.00	
	David Sears	5,000.00	
	Joseph Sewall	500.00	
	Robert G. Shaw	500.00	
	Michael Shepherd	100.00	
	William Shimmin	100.00	
	Nathaniel Silsbee	100.00	
	John Skinner	100.00	
	Barney Smith	400.00	
	Samuel Snelling	100.00	
	Washington Benevolent Society, Charlestown Branch	200.00	
	Hollis-street Society	148.05	
	First Church Society	100.67	
	King's Chapel Society	114.44	
	West Church Society	190.06	
	Roman Catholic Society	100.40	
	First Parish Society, Dorchester	168.48	
	Dr. Bancroft's Society, Worcester	140.60	
	Dr. Pierce's Society, Brookline	173.38	
	John Soley	100.00	
	Samuel Spear	100.00	
	Phineas Spelman	100.00	
	William Spooner	100.00	
	Francis Stanton	100.00	
	Russell Sturgis	200.00	
	William Sturgis	100.00	
	George Sullivan	200.00	
	Richard Sullivan	400.00	
	William Sullivan	200.00	
	John Tappan	350.00	
	Lewis Tappan	100.00	
	Charles Taylor	300.00	
	Boston Theatre	1,190.00	
	Abraham Thompson	100.00	
	Israel Thorndike	2,000.00	
	Carried forward	$120,473.77	$75,070.27

General Fund

	Brought forward	$120,473.77	$75,070.27
1811–1843	Israel Thorndike, Jr.	100.00	
	Joseph Tilden	100.00	
	Catherine Torrey	200.00	
	John G. Torrey	100.00	
	Samuel Torrey	100.00	
	Abraham Touro	300.00	
	George Trott	100.00	
	Gideon Tucker	200.00	
	Richard D. Tucker	100.00	
	Edward Tuckerman	100.00	
	Edward Tuckerman, Jr.	500.00	
	William and Gustavus Tuckerman	100.00	
	Town of Concord	200.00	
	Town of Malden	193.80	
	Cotton Tufts	135.00	
	Nathan Tufts	100.00	
	Phineas Upham	100.00	
	Vose, Coates, and Co.	100.00	
	Daniel Waldo	200.00	
	Thomas B. Wales	100.00	
	Timothy Walker	150.00	
	William J. Walker	400.00	
	Artemas Ward	100.00	
	Nahum Ward	100.00	
	Thomas W. Ward	150.00	
	William Ward	100.00	
	John C. Warren	400.00	
	Redford Webster	153.00	
	Francis Welch	200.00	
	Benjamin Weld	500.00	
	John Welles	300.00	
	Nathaniel West	1,000.00	
	Eliza Wetmore	200.00	
	Elisha Wheeler	100.00	
	Moses Wheeler	100.00	
	James White	300.00	
	Asa Whitney	100.00	
	Benjamin Wiggin (Exhibition of Picture)	1,604.07	
	Thomas Wigglesworth	200.00	
	Eliphalet Williams	100.00	
	John D. Williams	1,000.00	
	Moses Williams	100.00	
	Samuel G. Williams	100.00	
	Thomas Williams	100.00	
	Timothy Williams	100.00	
	Amasa Winchester	100.00	
	Edmund Winchester	100.00	
	Thomas L. Winthrop	100.00	
	John Wood	100.00	
	Sundry subscribers, less than $100	15,332.91	146,992.55
1813	John Lucas		900.00
1819	Polly Russell		400.00
1820	Samuel Eliot		10,000.00
	Beza Tucker		5,350.00
1822	Seth Webber		1,000.00
1823	Abraham Touro		10,000.00
	Carried forward		$249,712.82

General Fund

	Brought forward		$249,712.82
1824–1835	John McLean		119,858.20
1826	Thomas Oliver		22,438.70
	Allan Crocker		100.00
1829	James Savage		100.00
1831–1849	Isaiah Thomas		6,370.33
1832–1833	Mary Belknap		89,882.60
1834	Jonathan Moseley		753.46
1836	Susan Richardson		250.00
1838	Ambrose S. Courtis		2,500.00
1841	Peter Westerfield		165.67
1844	Subscribers for Enlargement of Hospital		
	Charles Amory	$500.00	
	James S. Amory	250.00	
	William Amory	500.00	
	Ebenezer T. Andrews	1,000.00	
	Nathan Appleton	1,000.00	
	Samuel Appleton	2,000.00	
	Samuel A. Appleton	100.00	
	William Appleton	2,000.00	
	Samuel T. Armstrong	100.00	
	Edward Austin	100.00	
	Richard Aylwin	100.00	
	Daniel C. Bacon	100.00	
	Benjamin Bangs	200.00	
	Charles Barnard	500.00	
	Francis Bassett	100.00	
	John D. Bates	250.00	
	Amos Binney	200.00	
	Mrs. Joshua Blake	200.00	
	Edward Blanchard	500.00	
	William H. Boardman	100.00	
	J. Ingersoll Bowditch	100.00	
	N. I. Bowditch	500.00	
	Dwight Boyden	100.00	
	Josiah Bradlee	1,000.00	
	James B. Bradlee	200.00	
	Martin Brimmer	500.00	
	P. C. Brooks	2,000.00	
	P. C. Brooks, Jr.	500.00	
	John Bromfield	100.00	
	John Bryant, Jr.	250.00	
	Henry Cabot	200.00	
	Thomas G. Cary	100.00	
	Carney and Sleeper	100.00	
	Caleb Chase	200.00	
	Eben Chadwick	500.00	
	Abiel Chandler	100.00	
	Jonas Chickering	500.00	
	Charles R. Codman	100.00	
	Edward Codman & Co.	100.00	
	Henry Codman	100.00	
	Gardner Colby	100.00	
	B. W. Crowninshield	300.00	
	A. and C. Cunningham	100.00	
	Charles P. Curtis	100.00	
	Thomas B. Curtis	100.00	
	Carried forward	$17,750.00	$492,131.78

General Fund

	Brought forward	$17,750.00	$492,131.78
1844	Peter R. Dalton	100.00	
	Samuel Dana	100.00	
	John James Dixwell	100.00	
	J. W. Edmands	200.00	
	Samuel A. Eliot	500.00	
	Moses Everett	100.00	
	Samuel Fales	200.00	
	Richard Fletcher	100.00	
	John M. Forbes	100.00	
	Ebenezer Francis	1,000.00	
	George Gardner	100.00	
	John L. Gardner	1,000.00	
	John Goodenough	100.00	
	Benjamin Goddard	500.00	
	Ozias Goodwin	500.00	
	Francis C. Gray	500.00	
	Horace Gray	300.00	
	John C. Gray	1,000.00	
	Samuel C. Gray	100.00	
	William Gray	100.00	
	Elizabeth C. Greene	500.00	
	Sarah Greene	1,000.00	
	David S. Greenough	100.00	
	Henry Hall	100.00	
	George Hallett	200.00	
	George Hayward	100.00	
	Nathaniel Hooper	100.00	
	Robert Hooper	250.00	
	Robert C. Hooper	100.00	
	Samuel Hooper	250.00	
	George Howe	500.00	
	Jabez C. Howe	200.00	
	Iasigi and Goddard	100.00	
	P. T. Jackson	100.00	
	James Johnson	100.00	
	Samuel Johnson	100.00	
	Abigail Joy	100.00	
	Abel Kendall, Jr.	100.00	
	George H. Kuhn	100.00	
	Lane and Reed	100.00	
	Abbott Lawrence	2,000.00	
	Amos Lawrence	1,000.00	
	Amos A. Lawrence	100.00	
	William Lawrence	1,000.00	
	Lawrence and Stone	500.00	
	George Lee	1,000.00	
	Thomas Lee	500.00	
	Isaac Livermore	100.00	
	Elijah Loring	100.00	
	Francis C. Loring	100.00	
	John J. and Francis Low	100.00	
	Francis C. Lowell	500.00	
	John A. Lowell	1,000.00	
	Charles Lyman	500.00	
	George W. Lyman	500.00	
	Theodore Lyman	1,000.00	
	John Marland	100.00	
	Carried forward	$38,750.00	$492,131.78

General Fund

	Brought forward	$38,750.00	$492,131.78
1844	Robert M. Mason	100.00	
	William P. Mason	500.00	
	Charles H. Mills	100.00	
	Milton and Slocumb	100.00	
	Benjamin R. Nichols	100.00	
	William Oliver	100.00	
	William F. Otis	100.00	
	Daniel P. Parker	500.00	
	James Parker	500.00	
	John Parker	1,000.00	
	George Parkman	150.00	
	William Parsons	100.00	
	William P. Perkins	100.00	
	Edward D. Peters	100.00	
	William Phipps	100.00	
	C. Gayton Pickman	100.00	
	Paschal P. Pope	500.00	
	Mary Pratt	500.00	
	William Prescott	500.00	
	William H. Prescott	100.00	
	Samuel R. Putnam	100.00	
	Josiah Quincy, Jr.	1,000.00	
	Joseph W. Revere	100.00	
	Rice and Thaxter	100.00	
	Richardson, Jeffrey, and Brother	100.00	
	Edward H. Robbins	100.00	
	Henry B. Rogers	500.00	
	James D. Russell	100.00	
	Richardson, Burrage, and Co.	100.00	
	Stephen Salisbury	500.00	
	Ignatius Sargent	1,000.00	
	Lucius M. Sargent	100.00	
	James Savage	100.00	
	Willard Sayles	500.00	
	David Sears	2,000.00	
	R. G. Shaw	1,000.00	
	Francis Skinner	250.00	
	Josiah Stickney	100.00	
	Charles Stoddard	100.00	
	William Sturgis	1,000.00	
	John E. Thayer	500.00	
	Nathaniel Thayer	100.00	
	Joseph Tilden	100.00	
	Henry Timmins	500.00	
	Phineas Upham	1,000.00	
	Daniel Waldo and sister	200.00	
	Thomas B. Wales	1,000.00	
	William J. Walker	200.00	
	Waterston, Pray, and Co.	100.00	
	John C. Warren	500.00	
	John Welles	500.00	
	Thomas Wetmore	100.00	
	William F. Whitney	100.00	
	Edward Wigglesworth	100.00	
	Thomas Wigglesworth	300.00	
	John D. Williams	2,000.00	
	Carried forward	$60,250.00	$492,131.78

General Fund

	Brought forward	$60,250.00	$492,131.78
1844	Moses Williams	100.00	
	Sundry subscribers, less than $100	2,100.00	
			62,450.00
	Moses Everett		116.00
	Israel Munson		20,000.00
1844–1866	Mrs. E. G. Everett		475.00
1845	William Russell		100.00
	John Brown		100.00
1847–1849	Sarah Clough		601.16
1851	Elizabeth Salisbury		4,000.00
1852	James Ingersoll		2,000.00
1854	Judah Touro		10,000.00
1855	William Appleton		20,000.00
	Elizabeth Pratt		20,000.00
1856	Subscribers for Brick Fence:		
	Nathan Appleton	$500.00	
	William Appleton	500.00	
	Josiah Bradlee	500.00	
	P. C. Brooks	250.00	
	John P. Cushing	250.00	
	Jonathan Phillips	500.00	
	David Sears	500.00	
	William Sturgis	250.00	
			3,250.00
1857	William Pickman		4,000.00
	Ellison Lassell		6,888.60
1858	Agnes Austin		7,500.00
1858–1879	M. P. Sawyer		119,687.93
1859	George Hills		1,000.00
1860	William I. Bowditch		274.25
1861	J. Poland		15.00
	J. Bowdoin Bradlee		500.00
1863	Subscribers for Cottage for Males at Asylum:		
	William Amory	$500.00	
	Francis Bacon	500.00	
	William B. Bacon	250.00	
	Benjamin E. Bates	1,000.00	
	John Ballard	300.00	
	James M. Beebe	2,000.00	
	Mrs. Nath. I. Bowditch	5,000.00	
	J. Bowdoin Bradlee	500.00	
	Gardner Brewer	2,000.00	
	Martin Brimmer	1,000.00	
	Peter C. Brooks	1,000.00	
	William S. Bullard	2,000.00	
	J. Amory Davis	500.00	
	J. Edgerton	1,000.00	
	J. Wiley Edmands	500.00	
	Joseph S. Fay	500.00	
	John C. Gray	1,000.00	
	Mrs. Henry Grew	300.00	
	George Higginson	500.00	
	Robert Hooper	250.00	
	George Howe	1,000.00	
	Jabez C. Howe	1,000.00	
	Peter Hubbell	500.00	
	Carried forward	$23,100.00	$775,089.72

General Fund

	Brought forward	$23,100.00	$775,089.72
1863	H. H. Hunnewell	1,000.00	
	Miss Anna P. Jones	400.00	
	James Lawrence	1,000.00	
	Abbott Lawrence	1,000.00	
	Charles Lyman	300.00	
	George W. Lyman	500.00	
	Robert M. Mason	500.00	
	Ex'rs of Henry P. Oxnard	500.00	
	J. W. Paige	500.00	
	Benjamin T. Reed	250.00	
	George C. Richardson	1,000.00	
	Henry B. Rogers	1,000.00	
	David Sears	1,000.00	
	G. Howland Shaw	1,000.00	
	Francis Skinner	1,000.00	
	Henry P. Sturgis	500.00	
	William Sturgis	1,000.00	
	Nathaniel Thayer	3,000.00	
	George W. Wales	500.00	
	Miss Mary Anne Wales	500.00	
	William F. Weld	1,000.00	
	B. C. White	300.00	
	Joseph Whitney	500.00	
	Misses Wigglesworth	1,000.00	
	Edward Wigglesworth	500.00	
	Thomas Wigglesworth	300.00	
	Moses Williams	1,000.00	
	J. Huntington Wolcott	300.00	
			44,450.00
	Elizabeth Hill		237.50
1864	William S. Bullard		800.00
	William Oliver		57,760.04
1865	Hannah F. Lee		1,000.00
	William Minot		100.00
	Stephen Salisbury		5,000.00
	Edward Whitney		5,000.00
	Edward Wigglesworth		1,000.00
1866	Subscribers in Aid of Funds		
	William Amory	$250.00	
	William T. Andrews	500.00	
	Charles H. Appleton	500.00	
	Nathan Appleton, Jr.	250.00	
	Thomas G. Appleton	1,000.00	
	William Appleton, Jr.	500.00	
	William S. Appleton	500.00	
	Anonymous, by W. S. B.	500.00	
	Francis Bacon	500.00	
	James M. Beebe	5,000.00	
	George B. Blake	100.00	
	John Borland	300.00	
	Boston Stock Exchange Board	1,000.00	
	Mrs. N. I. Bowditch	5,000.00	
	F. H. and J. B. Bradlee	500.00	
	Martin Brimmer	1,000.00	
	Edward Brooks	500.00	
	Peter C. Brooks	1,000.00	
	Peter C. Brooks, Jr.	1,000.00	
	Carried forward	$19,900.00	$890,437.26

General Fund

	Brought forward	$19,900.00	$890,437.26
1866	Shepherd Brooks	1,000.00	
	William S. Bullard	5,000.00	
	Edward A. Codman	500.00	
	Caleb A. Curtis	100.00	
	Greely S. Curtis	500.00	
	John G. Cushing	500.00	
	Robert M. Cushing	500.00	
	Thomas F. Cushing	500.00	
	Otis Daniels	500.00	
	Isaac Warren Danforth	500.00	
	F. Gordon Dexter	500.00	
	Albert Fearing	500.00	
	Augustus Flagg	100.00	
	William H. Gardiner	250.00	
	George Gardner	300.00	
	Henry J. Gardner	500.00	
	John L. Gardner	5,000.00	
	Joseph B. Glover	300.00	
	The Misses Eliza and Lucy Goodwin	500.00	
	Mrs. Henry Grew	500.00	
	Andrew T. Hall	100.00	
	Augustine Heard	250.00	
	Mrs. Augustus Hemenway	1,000.00	
	George Higginson	250.00	
	Robert Hooper	200.00	
	C. F. Hovey & Co.	1,000.00	
	George Howe	1,000.00	
	Jabez C. Howe	2,000.00	
	Thomas Howe	250.00	
	Horatio H. Hunnewell	2,000.00	
	Iasigi, Goddard, & Co.	500.00	
	Herman B. Inches	250.00	
	Abbott Lawrence	500.00	
	Amos A. Lawrence	500.00	
	James Lawrence	1,000.00	
	James L. Little	1,000.00	
	Mrs. John E. Lodge	300.00	
	Francis C. Lowell	250.00	
	John Amory Lowell	1,000.00	
	George W. Lyman	1,000.00	
	Theodore Lyman	200.00	
	Robert M. Mason	1,000.00	
	William P. Mason	500.00	
	Theodore Matchett	200.00	
	Nathan Matthews	200.00	
	James McGregor	250.00	
	Charles H. Minot	100.00	
	George R. Minot	200.00	
	Enoch R. Mudge	1,000.00	
	Charles Merriam	250.00	
	E. Francis Parker	100.00	
	John Brooks Parker	500.00	
	Samuel R. Payson	1,000.00	
	William Perkins	500.00	
	Andrew Pierce, Jr.	100.00	
	Miss Sarah P. Pratt	1,000.00	
	Miss Mary Pratt	1,000.00	
	Carried forward	$60,400.00	$890,437.26

General Fund

	Brought forward	$60,400.00	$890,437.26
1866	Jeffrey Richardson	1,000.00	
	Henry B. Rogers	1,000.00	
	George C. Shattuck	500.00	
	Francis Skinner & Co.	2,000.00	
	Henry P. Sturgis	500.00	
	Samuel W. Swett	250.00	
	Nathaniel Thayer	25,000.00	
	William Thomas	100.00	
	Mrs. William Thomas	100.00	
	Mrs. William W. Wadsworth	500.00	
	Miss M. A. Wales	300.00	
	William G. Weld	250.00	
	George D. Welles	100.00	
	Miss Susan J. Welles	500.00	
	Miss Jane Welles	500.00	
	Benjamin C. White	200.00	
	Joseph Whitney	500.00	
	Miss Anne Wigglesworth	1,000.00	
	Miss Mary Wigglesworth	1,000.00	
	Edward Wigglesworth	1,000.00	
	Thomas Wigglesworth	1,000.00	
	Moses Williams	3,000.00	
	Robert C. Winthrop	100.00	
			100,800.00
	Rev. Mr. Spaulding		500.00
	Rev. S. M. Worcester		1,900.00
	F. N. Mitchell		67.50
1867	Sarah Pratt		18,800.00
	Charles Harris		1,000.00
	J. Mason Warren		2,000.00
1868	Abigail Loring		38,901.67
	St. Stephens Chapel		2,000.00
	Morrill Wyman		200.00
1870	Amateur Dramatic Association		450.00
	H. J. Bigelow		500.00
1871	Sidney Homer		1,000.00
1871–1917	Massachusetts Hospital Life Insurance Co.		410,000.00
1874–1886	Hospital Sunday		10,798.28
1875	Miss M. C. Bryant		500.00
1877–1883	Charlotte Harris		274,457.33
1877	Elizabeth Powers		3,000.00
1878	Edward Blanchard		3,000.00
1879	J. T. Coolidge		100.00
	Margaret Tucker		49.63
	Miss Marian Hovey		1,000.00
	Henry S. Hovey		1,000.00
	Mrs. John T. Morse, Jr.		1,000.00
1880	F. James		846.07
1881	John C. Gray		25,000.00
	Thomas D. Quincy		1,000.00
	E. R. Mudge		1,000.00
	Sir Moses Montefiore		5.97
1882	Mary Pratt		20,000.00
	Miss Mary Wigglesworth		5,000.00
	G. H. Gay Fund		25,000.00
	Edwin Fiske		50.00
1883	Jerome G. Kidder		25,000.00
	Carried forward		$1,866,363.71

General Fund

	Brought forward	$1,866,363.71
1884	Amasa Guild	40.00
	Thomas G. Appleton	5,000.00
1885	A. W. Folsom	125.00
	Dr. Francis P. Hurd	10,030.56
	John Wilson	13,600.00
1887	E. W. Hooper	1,500.00
1888–1898	Helen C. Bradlee	75,000.00
1888	Mrs. Eliot Hubbard	1,000.00
	Francis C. Balch	50.00
1891	Abraham Goldsmid	150.00
	Joseph Schofield	3,000.00
	Anne Wigglesworth	5,000.00
	Augustus L. Case	500.00
	Mrs. J. S. Cabot	50.00
1892	Elizabeth B. Bowditch	5,000.00
1893–1894	George A. Gardner	50,000.00
1893–1917	Anna S. C. Prince	13,800.00
1894	Henry P. Kidder	10,000.00
1895	George W. Ellis	50.00
	Benefit Performance — Henry Irving	884.25
	Henry C. Hutchins	2,000.00
	Walter Hunnewell	1,000.00
1897	Louisa C. Palfrey	2,000.00
	Ellen Flint	28.86
1897–1901	Mary B. Turner	2,580.61
1897	Ellen F. Mason	1,000.00
	E. B. Bush	50.00
	J. W. Quimby	50.00
1898–1911	Henry L. Pierce	798,100.00
1898–1905	Subscribers to Eliot Chapel	33,220.07
1898	Thomas E. Proctor	145,000.00
	A. C. Slater	1,000.00
	Thomas F. Wyman	119,720.41
1899	Otis E. Weld	1,063.50
1900–1908	J. Putnam Bradlee	243,391.24
1900	Robert C. Billings	50,000.00
	Francis E. Bangs	2,000.00
	Daniel Sharp Ford	7,000.00
1901–1906	Robert Henry Eddy	56,788.00
1901–1913	Mrs. John B. Tileston	505.00
1901	Euphemia Millar	2,557.74
	Robert Codman	5,000.00
1902	Mrs. S. D. Warren	20,000.00
	Edward I. Brown	10,000.00
	Mrs. Elizabeth L. Wyman	250.00
	George Gardner	1,000.00
	Mrs. Nathaniel Thayer	1,000.00
	Edward F. Daland	1,000.00
	Children of Mrs. Henry Winsor (Phila.)	1,000.00
1903–1908	William S. Dexter	5,000.00
1903	C. H. W. Foster	500.00
	Jacob Hecht	500.00
	Merchants' & Miners' Transportation Co.	50.00
	Sarah A. Matchett	1,000.00
1904–1905	Charles H. Hayden	102,133.33
	Carried forward	$3,678,632.28

General Fund

	Brought forward	$3,678,632.28
1904–1907	Thomas Wigglesworth	15,000.00
1904	Mrs. Alice B. Chase	1,000.00
	Harriet O. Cruft	2,000.00
	Mrs. Henry Lee	2,000.00
1905	Mrs. William Caleb Loring	100.00
	Ellen V. Smith	50.00
	J. H. T. Adams	58,256.46
	Edward W. Codman	303,073.91
	Mr. and Mrs. Henry S. Grew	1,000.00
1906	Mrs. H. Kuhn	50.00
	Desmond FitzGerald	25.00
	Laura M. Moore	2,500.00
	Martin Brimmer	20,000.00
	William Bolton	555.22
	Edward Woodman	1,000.00
	Henry L. Higginson	1,000.00
	Mrs. George D. Howe	1,000.00
1907	Charles E. French	10,000.00
	Mrs. J. J. Storrow	25.00
1907–1912	Henry B. Mulliken	113,424.21
1907–1915	Georgina Lowell	170.00
1907	William Amory	50.00
	Alice M. Longfellow	5.00
	Mrs. R. G. Shaw	50.00
1907–1914	William P. Blake	250.00
1907	Anna Dehon Blake	25.00
1908–1915	Philip S. Sears	125.00
1908–1911	Mrs. B. L. Young	75.00
1908–1917	Charles W. Hubbard	325.00
1908	Mrs. John H. Sturgis	10.00
	Subscribers to Orthopedic Ward	38,577.72
	Luther Farnham	466.63
1909	Cash	1.00
	C. O. Brewster	12.00
	George F. Parkman	50,000.00
	J. P. Reynolds, Jr.	50.00
1909–1915	Francis Skinner	12,000.00
1910	T. C. Thatcher	25.00
	Howard Child	25.00
	George W. Boyd	2,000.00
	Mrs. Frances R. Jones	35.00
1910–1911	Charity Contest — Henry Siegel Co.	30.00
1910	Mrs. G. W. W. Dorr	25.00
	Ellen T. Emerson	10.00
	William J. Cheever	8,116.95
1910–1913	John E. Atkins	89,420.68
1910	George Dexter	10,000.00
	Mrs. Frederick C. Shattuck	300.00
	R. M. Burden	50.00
1910–1916	Lucy F. Simmons	5,007.04
1911–1917	Miss M. L. Blake	85.00
1911	John Ashton	22,176.47
	E. C. Lee	500.00
	Vicomtesse Treilhard	400.00
	Harvey H. Baker	10.00
	Lionel Norman	9.00
	Dr. Frederick C. Shattuck	200.00
	Carried forward	$4,451,309.57

General Fund

	Brought forward		$4,451,309.57
1911	Estate of Joseph G. Dalton, by A. P. Loring		1,000.00
	Thomas J. Knudsen		4.00
1912–1916	Mrs. Edwin S. Webster		100.00
1912	Dorothy King and Olivia Churchill		1.00
	Victor Govignon		50.00
	Pedro Tosea		10.00
	Dr. E. M. Vrooman		10.00
	Drs. Wasener and Tongs		40.00
	Paul W. Reimer		1.00
	Josephine Pitman		2.00
	Rosamond Clark		2.00
	Oliver S. Roberts		3.00
	Henry H. Hills		100.00
	Clara Barton Fund		3,241.00
1913–1917	F. Hunnewell, 2d		110.00
1913	Edward W. Grew		20.00
	Mr. Countway		1.00
1913–1916	I. Tucker Burr		75.00
1913	Charles T. Lovering		30.00
	A former Out-Patient		2.00
	Miss Mary Thomas		10.00
	Francis I. Amory		100.00
1913–1917	Mrs. Harcourt Amory		250.00
1913	Mrs. Peter C. Brooks		50.00
1913–1917	Mrs. Stephen S. FitzGerald		40.00
1913–1914	Frank E. Langley		30.00
1913	Josef Henrik Johnsan		5.00
	A friend		25.00
1913–1917	Humane Society of Commonwealth of Massachusetts		1,700.00
1913	Mr. and Mrs. F. A. Eustis		10.00
	Mrs. Henry S. Grew		1,000.00
1913–1914	Mehitable C. C. Wilson		543.75
1913	Anonymous		2.00
	Mrs. F. A. Eustis		10.00
	Theodore Mendelstein		5.00
	The Ninety-Five Sewing Circle		20.00
	Rosa A. Mulrey		1.00
	Miss Marjorie R. van Wickle		50.00
	Mrs. W. Scott Fitz		1,000.00
	Subscribers for Nurses' Home:		
	Mrs. Andrew C. Wheelwright	$20,000.00	
	Nathaniel Thayer	50,000.00	
	Shepherd Brooks	5,000.00	
	Ladies' Advisory Committee of the Training School for Nurses	14,000.00	
	In memory of Mrs. Samuel Torrey Morse	1,000.00	
	Interest accrued	2,880.31	
			92,880.31
1914	Edith L. Coolidge		748.03
1914–1916	J. M. Crafts		40.00
1914	Edward B. Adams		10.00
	A friend		5.00
1914–1917	Mrs. S. Parkman Blake		200.00
	Carried forward		$4,554,846.66

General Fund

	Brought forward	$4,554,846.66
1914	Mrs. Caroline B. Allen	5,000.00
	H. M. Sears, F. C. Welch, and R. E. Bullard, Executors u/w of Francis Bartlett	10,000.00
1914–1916	Edward B. Alford	60.00
1914	Mrs. William P. McKenzie	5.00
	Emily Whiting	5.00
	Anne W. Davis	9,030.70
	Mrs. Warren B. P. Weeks	25.00
	Out-Patient	1.00
	Mary A. Conlin	10.00
1914–1917	Francis Skinner, Sr.	43,721.76
1914	Miss Helen Cudahy	500.00
	Anonymous	1.00
	Mrs. Eliza Dean	5.00
	William H. Blacar	2.50
	George Wigglesworth	2,500.00
1915	Mrs. David K. Horton	15.00
	Arthur A. Carey	5.00
	Lawson Frederick Cartter	50.00
1915–1916	Miss A. F. Manning	20.00
1915	Mrs. F. S. Mead	5.00
	Mrs. Alex. S. Porter, Jr.	25.00
1915–1917	W. B. P. Weeks	75.00
1915	Anonymous	.08
	F. G. Curtis	25.00
	Charles R. Lawrence	11,000.00
	Mrs. Gertrude Hunter	2.00
	Anonymous	3.00
	Dr. William E. Reed	9.22
	Anonymous	3.00
	Henry Lyman	200.00
	Anonymous	50,000.00
	Anonymous	5.00
	W. H. Williams	6.00
	Out-Patient	3 00
	Martin J. Foley	1.00
	Everett Morss	100.00
	Miss Lois W. Clarke	5.00
	Annie L. Conley	5.00
	Salvatore Maschera	3.00
1915–1916	Caroline L. W. French	100,843.34
1915	Misag Azzigian	5.00
1916	Anonymous	1.00
	Mrs. Stephen G. Wheatland	50.00
	Mrs. Wallace Dunbar Dexter, Jr.	5.00
	Mrs. Richard B. Fuller	5.00
	Mrs. Arthur N. Hood	5.00
	Elmer P. Howe	20.00
1916–1917	Mrs. Atherton Thayer Brown	20.00
1916	Charles A. Vialle	25.00
	Mrs. F. G. Curtis	25.00
	Mrs. Barrett Wendell, Jr.	10.00
	Miss Helen Peabody	2.00
	Mrs. Waldo E. Forbes	50.00
	Archibald Cary Coolidge	20.00
	Carried forward	$4,788,365.26

General Fund

	Brought forward		$4,788,365.26
1916	Malcolm G. Peabody		10.00
	Mrs. Ezra Ripley Thayer		10.00
	Eliase Jacques		25.00
	A former Patient		5.00
	E. S. C.		100.00
	John W. Wheelwright		2,000.00
	Mrs. J. T. Coolidge		100.00
	F. W. Webster		25.00
	Bartlett C. Reynolds		1.00
	Miss Effie A. McDonald		1.00
	A Patient		1.00
	Thomas Mack		1,000.00
1916–1917	Caroline E. Davis		33,852.03
1916	Frank E. Peabody		77,221.35
	Interest accrued		1,003.37
	Charles W. Moseley, surviving executor under the will of Julia M. Moseley, in memory of of Dr. William Oxnard Moseley, Jr.		185,000.00
	Interest accrued		4,642.35
1917	Mrs. F. G. Curtis		25.00
	Mrs. Geoffrey G. Whitney		50.00
	Albert Farwell Bemis		10.00
	Mrs. R. M. Saltonstall		50.00
	Miss Eleanor S. Parker		200.00
	Mrs. George Putnam		100.00
	J. Randolph Coolidge		200.00
	Edward M. Brewer		50.00
	S. T. Russell		50.00
	Mrs. William Whitman, Jr.		25.00
	The S. S. W.		10.00
	Captain Blackwell		10.00
	Miss Marian F. Young		5.00
	E. S. C.		100.00
1811–1917	Subscribers to Free Beds (Annual)		804,651.09
	Total Unrestricted Gifts to this Fund, 1811–1917 inclusive		$5,898,898.45
	Profits from Real Estate, Stocks and Bonds, etc.		1,902,589.68
			$7,801,488.13
	Withdrawals from this Fund representing annual excess of expenses over receipts at Hospitals, and other adjustments, 1811–1917, inclusive		2,964,603.99
	Balance, January 1, 1918		$4,836,884.14
	Donations and Bequests, 1918:		
1918	Charles W. Hubbard	$50.00	
	Elmer P. Howe	20.00	
	Mrs. S. Parkman Blake	50.00	
	Miss Marian L. Blake	10.00	
	Mrs. Boylston Beal	50.00	
	Mrs. Anna S. C. Prince	1,400.00	
	Mrs. F. G. Curtis	25.00	
	Carried forward	$1,605.00	$4,836,884.14

General Fund

	Brought forward	$1,605.00	$4,836,884.14
1918	Mrs. Stephen S. FitzGerald	10.00	
	Mrs. M. Irving Mott	1.00	
	Mrs. Exra Ripley Thayer	10.00	
	Archibald Cary Coolidge	10.00	
	William Brewster	10.00	
	Mrs. Edward Clark Streeter	20.00	
	Mrs. Andrew J. Peters, Jr.	25.00	
	Mrs. Richard M. Saltonstall	50.00	
	Mrs. Harcourt Amory	50.00	
	Henry F. Lynde	2,210.50	
	W. B. P. Weeks	25.00	
	Mrs. James C. Melvin	1,000.00	
	George R. Agassiz	1,000.00	
	Humane Society of the Commonwealth of Massachusetts	500.00	
	Mrs. William Whitman, Jr.	50.00	
	George D. Dodd	10,135.00	
	Blanche J. Shimmin	2,174.39	
	Frederick P. Bagley	25.00	
	James D. Sullivan	1,000.00	
	William Caleb Loring	1,000.00	
	Richard Black Sewall	25,000.00	
	Mrs. T. O. Richardson	50,000.00	
	Annie M. Washburn	100.00	
			$96,010.89
	Old Boston National Bank		140.00
	Susan Smith Fund		13,703.98
	National Bank Stock Tax Rebate		831.37
	Gain on 1918 Appraisal		189,101.73
			$5,136,672.11
	Transferred to Land and Buildings Plant Account		4,877,193.14
			$259,478.97
	Excess of Expenses of General and Convalescent Hospitals. (Page 110)	$248,855.72	
	Income from Funds $157,139.41		
	Income Gifts 6,540.32		
	Annual Free Beds 30,798.03		
	Ten Year Free Beds 8,600.00		
	Massachusetts Health Department 1,000.00	204,077.76	
		$44,777.96	
	Excess of Expenses at McLean Hospital. (Page 110) $30,475.34		
	Income from Funds 25,445.61	5,029.73	49,807.69
	Balance January 1, 1919		$209,671.28

DONATIONS AND BEQUESTS FOR SPECIAL PURPOSES

1857	J. G. Treadwell:		
	Books, valued at		$3,000.00
1870–1875	H. J. Bigelow:		
	Instruments, valued at		3,600.00
1875	Dr. Putnam		21.50
	Dr. John Collins Warren:		
	Galvanic apparatus		25.00
1876	Dr. Samuel Cabot:		
	Benefit indigent at Asylum		1,000.00
1877	Executors Augustus Hemenway:		
	For Nurses' Training School		5,000.00
1878	Frederick Dexter:		
	For purchase of pictures		50.00
1887	Waldo March:		
	For photographic apparatus		100.00
1888–1894	Dr. A. T. Cabot:		
	To make up deficiency on income Samuel Cabot Fund		1,335.00
1890	George L. Kingsley:		
	For photographic studio		802.82
1895	Miss Helen C. Bradlee:		
	Repairs and alterations to Bradlee Ward		7,000.00
1897	By the "Staff," through Dr. A. T. Cabot:		
	To make up deficiency in income of Pathological Fund		1,070.60
	Charles B. Porter:		
	Interest accrued on bequests		370.00
1899	Francis Blake:		
	Microtome for Pathological Laboratory		266.30
	"A Patient":		
	For Treadwell Library		200.00
1900	Dr. A. T. Cabot:		
	Open Ball Court		1,000.00
1901	Mrs. Mary Hemenway:		
	Zander apparatus		5,000.00
1902–1904	C. H. Dalton:		
	Added to income of Dalton Fund		1,000.00
1903	Mrs. T. W. Bennett:		
	For Treadwell Library		100.00
1911–1914	Late Result Fund:		
	Anonymous	$1,500.00	
1912	F. W. Hunnewell	500.00	
1914	Frederic Winthrop	500.00	
			2,500.00
1910–1917	Lovering Fund:		
	Miss Sarah C. M. Lovering		13,149.81
	Carried forward		$46,591.03

Donations and Bequests for Special Purposes

	Brought forward	$46,591.03
1912–1917	Mrs. Caroline L. Weld: For surgical instruments . . .	12,002.38
1912	Dr. Hugh Cabot: For surgical instruments . . .	100.00
	Dr. Fritz B. Talbot: For expense visiting Children's Hospitals	75.00
	Dr. G. Cheever Shattuck: For X-ray work	250.00
	A Friend: For X-ray work	100.00
1913	Staff of Orthopedic Department: For expenses of that department .	125.00
	Mrs. Charles G. Weld: For an awning on the Weld Ward G veranda	70.00
	Mrs. W. F. Waters: For a special instrument in Ward G	25.00
1913–1916	Dr. Putnam and Mr. Storey, Trustees of the A. W. Blake Fund, to be applied to the salary of Dr. Emerson, Psychologist	1,700.00
1913–1914	Mrs. Charles E. Mason: Scholarship, Training School for Nurses', General Hospital . .	200.00
1913–1917	Dr. Hugh Cabot: To be applied toward the salary of the House Surgeon to the Genito-Urinary Department	2,000.00
1913–1916	George Wigglesworth: X-ray Apparatus	2,800.00
1914	Mrs. John Parkinson: Towards salaries of the Children's Medical Department	40.00
1914–1917	A Friend: For certain special uses of the Dermatological Department . . .	3,300.00
	Miss Marion H. Fenno: Towards the expense of a tennis court for nurses	10.00
1915–1917	Donation of Mrs. Nathaniel Thayer: For Two Scholarships, General Hospital Training School for Nurses .	100.00
1915–1916	Donation of George Wigglesworth: For a Babies' Milk Fund $1,000.00	
	Donation of Anonymous: For a Babies' Milk Fund . 37.11	
		1,037.11
1915–1917	Donation of a Friend: To extend help to worthy patients as their needs may become known through their attendance at the Hospital	1,500.00
	Carried forward	$72,025.52

Donations and Bequests for Special Purposes

	Brought forward		$72,025.52
1915	Donation of Friends of the Hospital through Mrs. Hugh Cabot for refitting part of the Genito-Urinary Out-Patient rooms		167.00
	Donation of Training School for Nurses, Proceeds of a May Party given for furniture for the roof garden		74.82
	Donation of Anonymous, to pay expenses of X-raying a series of cases in the Out-Patient Department . .		30.00
	Donation of Junior Girls of Camp Abena—a summer camp in Maine—for books for the Patients' Library		6.46
	Donation of Edith L. Coolidge, for social service work, in memory of the late Amory A. Lawrence . .		75.00
1915–1917	Donation of the Board of Visiting Ladies toward the salary of a social worker in the house		1,980.00
1916	General Hospital Training School Alumnæ:		
	For a scholarship		100.00
	A Friend:		
	For the X-ray Department . .		150.00
	Mrs. Malcolm Donald:		
	For special technical apparatus .		1,000.00
	W. F. Watters:		
	Salary of stenographer, etc., in the Dermatological Department . .		1,400.00
	United Fruit Company:		
	For Department of Tropical Medicine		2,500.00
	Moses Williams:		
	For Social Worker		25.00
	Mrs. Charles H. Dalton:		
	For Social Worker		20.00
	Dr. Fritz B. Talbot:		
	Toward the changes in the Children's Medical Out-Patient Department		150.00
1916–1917	Dr. Richard Cabot:		
	For the Warren Library		100.00
1916	Mrs. Charles E. Mason:		
	Toward the changes in the Children's Medical Out-Patient Department		350.00
	Patrick Donovan:		
	For the Warren Library		2.79
	Friends of the Hospital (through Miss Ella L. Lyman):		
	For half salary for one year of a special worker in the Children's Medical Ward—who is to be clinic secretary and do follow-up work:		
	Mrs. Ralph B. Williams .	$10.00	
	Mrs. Henry Lyman . .	25.00	
	Carried forward . . .	$35.00	$80,156.59

Donations and Bequests for Special Purposes

	Brought forward . . .	$35.00	$80,156.59
1916	Mrs. S. D. Warren, Jr. .	10.00	
	Mrs. Waldo E. Forbes . .	25.00	
	A Friend	20.00	
	Mrs. Ellery Sedgwick . .	25.00	
	Mrs. John S. Lawrence .	25.00	
	Mrs. Gorham Brooks . .	25.00	
	Mrs. Thomas Barlow . .	20.00	
			$185.00
	Mrs. Caroline L. Weld:		
	For instruments for the Out-Patient Throat Department . .	$250.00	
	A Friend:		
	To be added to this Fund .	500.00	
			$750.00
	Sundry Donors:		
	For Infantile Paralysis Research Fund:		
	W. Murray Crane . .	$500.00	
	Alvah Crocker	500.00	
	William Endicott . .	500.00	
	Albert Strauss . . .	500.00	
	Frank G. Webster . .	250.00	
	Charles Jackson . . .	200.00	
	Arthur Perry	100.00	
	Wallace L. Pierce . .	100.00	
	Robert L. Studley . .	50.00	
	James H. Proctor . .	100.00	
	George R. Wallace . .	250.00	
	James J. Storrow . .	500.00	
	Allan C. Emery . . .	50.00	
	J. P. Morgan	500.00	
1917	Infantile Paralysis Commission	450.00	
	Isaac Sprague	25.00	
			$4,575.00
	Sundry Donors:		
	For Babies' Milk Fund:		
	Dr. W. B. Robbins . .	$5.00	
	Miss Emma Hutchins .	5.00	
	Mrs. Neal Rantoul . .	50.00	
	Mrs. Ralph B. Williams .	5.00	
	Mrs. J. D. C. Bradley .	20.00	
	Mrs. Edward Wigglesworth	25.00	
	Mrs. W. S. Spaulding .	25.00	
	Mrs. F. A. Winthrop .	25.00	
	Mrs. W. B. Emmons . .	5.00	
	Mrs. Gorham Brooks .	50.00	
	Mrs. Alvan T. Fuller . .	125.00	
	Mrs. Winthrop Coffin .	5.00	
	Mrs. Freeman Allen . .	5.00	
	Mrs. Allan Forbes . .	10.00	
	Roger B. Merriman . .	25.00	
	Mrs. Roger B. Merriman	10.00	
	Anonymous	1.00	
	Miss Alice A. Thorpe .	33.18	
			$429.18
	Carried forward		$86,095.77

Donations and Bequests for Special Purposes

	Brought forward	$86,095.77	
1917	Miss Alice Farnsworth:		
	For Social Service Work . . .	25.00	
	Chase & Sanborn:		
	For Social Service Work . . .	25.00	
	Charles Philip Beebe:		
	For X-ray Equipment	1,000.00	
	Miss Myra T. Styles:		
	For the Out-Patient Department .	10.00	
	Mrs. Nathaniel Thayer:		
	For a course of Occupational Therapy	100.00	
	Sundry Donors:		
	For the salary of a clerk in the Treadwell Library to typewrite certain parts of the Surgical Records		
	Dr. G. W. W. Brewster . $50.00		
	Dr. Charles Allen Porter 50.00		
	Dr. Beth Vincent . . 30.00		
	Dr. Lincoln Davis . . 30.00		
	Dr. Hugh Williams . . 50.00		
	Dr. Daniel Fiske Jones . 50.00		
	Dr. Franklin G. Balch . 50.00		
	Dr. Charles L. Scudder . 50.00		
	Dr. Richard C. Cabot . 64.00		
	Dr. R. B. Greenough . 20.00		
		$444.00	
	For the Children's Medical Ward, in memory of Mary R. Hudson .	10.00	
	The Permanent Charity Fund for Social Service in the House .	400.00	
			$88,109.77
	Expended 1857–1917		78,642.49
	Balance January 1, 1918 . . .		$9,467.28
1918	Donation of Mrs. Caroline L. Weld .	$675.37	
	For the purchase of Surgical Instruments.		
	Donation of Miss Emma Hutchins .	5.00	
	For the Babies' Milk Fund.		
	Donation of Mrs. A. Lawrence Hopkins	407.27	
	Toward the salary of a Social Worker in the Wards.		
	Donation of Dr. Hugh Cabot . . .	500.00	
	Toward the salary of the House-Surgeon in the Genito-Urinary Department.		
	Donation of W. F. Watters . . .	450.00	
	Toward the salary of a Stenographer in the Dermatological Department.		
	Donation of a Friend	500.00	
	For certain special uses of the Dermatological Department.		
	Donation of Dr. Richard C. Cabot .	24.50	
	Toward the salary of a Clerk in the Treadwell Library, to typewrite certain parts of the Surgical Records.		
	Carried forward	$2,562.14	$9,467.28

Donations and Bequests for Special Purposes

	Brought forward	$2,562.14	$9,467.28
1918	Donation of the Permanent Charity Fund. Boston Safe Deposit & Trust Co., Trustee	1,700.00	
	For the Social Service Department in the Wards.		
	Donation of Anonymous	780.00	
	For the salary of a Technician in the Medical Research Laboratory.		
	Donation of Harvard Infantile Paralysis Commission	900.00	
	Toward the salary of a Worker in the Infantile Paralysis Department.		
			$5,942.14
			$15,409.42
	Expended 1918		7,066.89
			$8,342.53
	Unexpended:		
	Salary of Stenographer in Dermatological Department	$114.96	
	Nurses' Training School Scholarship	50.00	
	Special Technical Laboratory Apparatus	1,000.00	
	Special uses Dermatological Department	441.24	
	Tropical Medicine	2,500.00	
	X-ray Equipment	1,000.00	
	Babies' Milk Fund	166.73	
	Salary of Technician in Medical Research Laboratory	585.00	
	Salary of Worker in Infantile Paralysis Department . . .	589.53	
	Infantile Paralysis Fund . . .	1,895.07	
			$8,342.53

C. H. W. Foster,
Treasurer.

EXAMINATION OF ACCOUNTS

Boston, March 11, 1919.

To the Committee on Accounts,
Massachusetts General Hospital,
Boston, Mass.

Sirs, — In accordance with your instructions, we have made an examination of the books and records of the Massachusetts General Hospital, comprising the records of the General Hospital, McLean Hospital, and of the Treasurer, for the year ending December 31, 1918, for the purpose of verifying the cash transactions and of reporting upon the financial condition at December 31, 1918.

WE HEREBY CERTIFY:

1. That all funds shown to have been received have been accounted for, and that we have found vouchers or other satisfactory evidence of payment for all disbursements.

2. That the balance of cash on hand December 31, 1918, as shown by the books of the Hospitals and of the Treasurer, amounting to $52,391.43, was on hand at that date.

3. That securities (par value $357,780.00) amounting to $387,800.00, and annuities receivable, consisting of three policies amounting to $160,000.00, as shown by the books, are certified by the New England Trust Company as being in their custody on December 31, 1918.

4. That notes receivable amounting to $24,150.00 were examined by us and found to be in the custody of the Treasurer at February 6, 1919.

Respectfully submitted,

Patterson, Teele & Dennis,
Accountants and Auditors.

ANNUAL REPORT OF THE ADMINISTRATOR OF THE MASSACHUSETTS GENERAL HOSPITAL AND RESIDENT PHYSICIAN OF THE GENERAL HOSPITAL

To the Trustees of the Massachusetts General Hospital:

Gentlemen: — I have the honor to submit herewith the report of the Administrator for 1918.

GENERAL HOSPITAL

Notwithstanding the difficulties the war has created, I think we can look back on the past year with the feeling that our patients have been cared for as well as usual.

Reference to the list of officers elsewhere in the report will show how many of the staff are away and also those who hold temporary appointments to fill vacancies. To these, we owe much for their valuable services. The regular members of the staff have done more than their full share of the work, some of them serving practically throughout the twelve months.

The term of service of surgical house pupils was reduced from fourteen to twelve months. Following the signing of the armistice, steps were immediately taken to begin a gradual return to the twenty-one months' service of surgical house pupils and the eighteen months' service of medical house pupils.

In January an outbreak of scarlet fever took place in the hospital. It became so serious that from January 29 to February 20 no patients other than emergencies were admitted to the hospital. In all, the positive cases and suspected ones requiring quarantine included 10 house pupils, 27 nurses, 21 employees, and 21 patients, a total of 79 cases. Experts sought

to find the cause, but this was never done with certainty. We regret to have to record the death from scarlet fever of Mr. Benjamin Larrabee, one of our orderlies.

The success of the cafeterias started last year encouraged us to extend this service during the year, and it now includes the dining-room for orderlies and male employees.

A new forced draft system has been installed in connection with the boilers. It permits us to use a larger percentage of screenings and is therefore an economy.

The old Treadwell Library was early in the year made into a 16-bed ward and was at once occupied by sailors transferred from the Naval Hospital. It continued in use until May 23. On August 30, with the sudden outbreak of influenza in Boston, sailors suffering from the disease were admitted to this ward and the 50-bed Relief Ward, formerly the "Zander Room."

The seriousness of this epidemic is still too fresh in the minds of all to require description here. I am glad to be able to report that the Massachusetts General Hospital did its share in caring for these cases. All admitting of general surgical patients, except emergency cases, ceased, and the surgical wards were used for influenza patients. Two hundred beds were thus made available, and during the epidemic over eight hundred cases were admitted.

I cannot praise too highly the devotion to duty of our physicians and nurses. They worked to the utmost of their capacity. We regret to have to record the death from influenza of one of our nurses and three employees: Miss Ruth Chamberlain, a pupil nurse, on September 23; Lena Fitzgerald, a maid, on September 14; Miss Marguerite E. Adams, clerk, on September 27, and Mr. Louis E. Hay, a ward tender, on October 6.

On page 10 is given a list of the members of our staff in war service during the year. Over two hundred of our Alumni are known to have been in service. Of this number I regret to report the death of three:

Howard Walter Beal, Surgical, 1899, went to England as Director of Red Cross units September 4, 1914. He was Chief Surgeon of the American Women's War Hospital, Paignton, England, for fourteen months. Having been an officer with the regular Army Medical Corps and therefore in the Reserve Corps, he was called to active duty when the United States entered the war and sailed for Europe August 6, 1917. He was wounded on the 18th of July, 1918, by a fragment of a bomb, and died in Paris July 20, 1918.

William Henry Buffum, Medical, 1903, served in the Navy with the rank of Lieutenant Commander. He died of influenza in Liverpool, England, on October 13, 1918.

Harrison Briggs Webster, Surgical, 1910, while serving as a Major in the Medical Corps, United States Army, with the Expeditionary Forces in France, was killed in action on October 7, 1918.

Since the signing of the armistice we have received very generous gifts of surgical dressings from the Metropolitan and Medford Chapters of the Red Cross and from the "Charles River Village Ladies."

"Ether Day" exercises were omitted this year, owing to the war and to the fact that the influenza epidemic was at its height at this time.

The following comparative tables are of interest:

	Expenses.		Receipts.	
	1917.	1918.	1917.	1918.
General Hospital . .	$503,719.18	$519,569.44	$183,763.43	$249,317.25
Out-Patient Department	110,543.67	100,434.59	99,872.13	91,429.70
Consultation Clinic .	6,794.01	32.10	6,922.00	. . . . .
Convalescent Hospital	4,280.95	750.38	2,005.01	51.72
Phillips House . . .	60,558.74	150,770.21	44,481.88	181,902.33
McLean Hospital . .	441,480.37	486,010.48	422,174.60	455,535.14

	No. Patients Admitted to Wards.	Total Patients' Days Treatment.	Average Stay in Hospital.	No. Operations House Cases.
1908	5,362	106,034	20 — days	3,634
1909	5,871	105,295	18 — "	3,841
1910	6,092	105,617	17 + "	4,016
1911	6,495	107,671	17 — "	3,948
1912	6,629	107,797	16 — "	4,063
1913	6,251	111,364	18 + "	3,887
1914	6,413	116,164	18 + "	3,993
1915	6,503	113,941	18 — "	4,046
1916	6,507	111,875	17 + "	4,094
1917	6,699	112,636	17 — "	4,191
1918	6,702	116,321	17 + "	4,117

	Average Daily Cost per House Patient.	Daily Cost per Capita for Provisions for all Persons Supported.
1911	$2.65 +	$0.28 —
1912	3.00 +	0.31 +
1913	3.01 +	0.33 +
1914	3.09 +	0.34 +
1915	3.31 +	0.32 +
1916	4.05 +	0.37 +
1917	4.36 +	0.41 +
1918	4.37 —	0.48 +

	Number Ambulance Trips.	Number of Miles.	Average Trips per Day.
1908	1,747	....	5 —
1909	1,539	5,442	4 +
1910	1,639	5,615	4 +
1911	1,513	4,452	4 +
1912	1,477	4,870	4 +
1913	1,576	4,796	4 +
1914	1,378	4,888	3 +
1915	1,502	4,182	4 +
1916	1,413	5,032	4 —
1917	1,358	6,100	4 —
1918	1,236	5,771	3 +

	Number of Patients Treated in Emergency Ward.	Average Daily Cost per Patient.	Cost of Maintenance of Emergency Ward.	Total Receipts.
1908	5,313	$0.78 —	$4,141.03	$518.23
1909	5,314	0.83 —	4,389.78	488.88
1910	5,590	0.82 —	4,555.97	571.80
1911	6,029	0.72 —	4,331.75	618.80
1912	5,501	0.78 +	4,343.15	770.17
1913	5,424	0.86 +	4,665.50	1,560.07
1914	5,278	0.96 +	5,090.52	1,867.38
1915	4,815	1.03 +	5,006.69	2,297.97
1916	5,123	1.21 +	6,210.98	2,911.60
1917	6,045	2.05 —	12,380.79	4,247.25
1918	6,131	1.91 —	11,681.11	3,821.30

	Number of X-Ray Cases Out-Patient Department.	Number of X-Ray Cases in House.
1908	2,902	1,353
1909	3,323	1,441
1910	3,414	1,363
1911	4,138	1,643
1912	4,587	1,987
1913	6,286	4,015
1914	7,951	5,985
1915	7,618	4,597
1916	10,616	4,986
1917	10,161	4,125
1918	9,408	2,705

OUT-PATIENT DEPARTMENT

The average attendance at the first of the year was low. It gradually increased, but during the epidemic months, September and October, took a sudden drop, as was to be expected. During November and December the attendance again increased. It is interesting to note that the decrease in attendance comes more from the decreased number of visits of old patients than from new cases. Our experience in having smaller clinics this year corresponds to that of hospitals in other parts of the country.

	New Cases.	Total Number of Visits.	Total Number Prescriptions Filled.
1904	25,082	106,174	53,321
1905	21,874	110,631	49,793
1906	20,010	99,251	43,063
1907	20,358	107,063	43,764
1908	20,729	116,008	46,390
1909	21,518	121,327	48,250
1910	22,302	124,584	48,676
1911	22,232	135,809	49,858
1912	22,639	136,095	48,270
1913	24,887	147,428	51,798
1914	24,957	158,090	62,112
1915	29,213	190,628	73,914
1916	31,061	201,375	79,736
1917	31,104	205,524	78,820
1918	25,441	168,183	65,511

During the year 1918 there were 1,658 operations under an anesthetic in the Out-Patient Department,

of which number 330 were performed under a local and 1,328 under a general anesthesia.

The following is a comparative financial table:

	Cost of Maintenance Out-Patient Department.	Average Daily Cost per Patient.	Total Receipts.
1908	$50,902.61	$0.44 —	$39,955.80
1909	54,739.32	0.45 +	42,636.05
1910	56,383.06	0.45 +	44,296.92
1911	62,476.04	0.46 +	46,643.45
1912	62,704.66	0.46 +	47,607.00
1913	70,077.00	0.47 +	53,453.20
1914	74,710.04	0.47 +	58,668.95
1915	84,451.96	0.44 +	73,521.99
1916	103,233.15	0.51 +	88,256.24
1917	110,543.67	0.54 +	99,872.13
1918	100,434.59	0.60 —	91,429.70

ROENTGENOLOGICAL DEPARTMENT

Up to a few months ago we had preserved all X-ray plates taken since 1895. They took up much valuable room, and as interpretations of findings are included in all clinical records, it did not seem necessary to file them permanently. Owing to the scarcity of glass for photographic plates, we believed they could be sold for a better price this year than ever again. They brought enough to pay the expense of an additional X-ray unit for treatment work. Attention is invited to Dr. Holmes' report of this department which is appended.

NURSING DEPARTMENT

The School for Nurses at the General Hospital has during the year done its utmost to answer the call to train more nurses, and has at all times kept its classes as large as the amount of our teaching material would permit.

Three small houses on North Grove Street have been fitted as quarters for graduate nurses. This expansion was necessary with the opening of the Phillips House.

The following table is of interest:

	Average No. of Graduates.	Average No. of Pupils.	Average No. of Probs.	Average Total.	Total Probs. During Year.	Probs. and Nurses Who Left During Year
1911	31	140	12	183	90	53 P. 16 N. — 69
1912	29	158	15	202	100	51 P. 7 N. — 58
1913	29	167	28	224	97	30 P. 8 N. — 38
1914	28	181	24	233	92	30 P. 10 N. — 40
1915	29	179	33	241	90	24 P. 6 N. — 30
1916	30	210	27	267	106	19 P. 4 N. — 23
1917	30	232	21	283	88	15 P. 13 N. — 28
1918	27	242	25	294	90	21 P. 6 N. — 27

The reports of the Advisory Committee on the General Hospital Training School and the Superintendent of Nurses to the Resident Physician are appended.

TREADWELL LIBRARY

The War Bibliography compiled by the Librarian, Mrs. Grace W. Myers, a voluntary undertaking on her part, is worthy of note. It has already proved its usefulness by the fact that it is much in demand. Details of the work of the library will be found in the appended report of the Librarian.

WARREN LIBRARY

The usefulness of the library has been much curtailed by the epidemics this year, as during such times

no books were sent to the wards. Much care has been given by members of the Ladies' Visiting Committee in the selection of books, with the result that only such books have been purchased as are popular with patients and employees.

SOCIAL SERVICE

The department is conspicuous for what it has contributed in the emergencies of the year. It was represented in the Halifax disaster by Miss Ruth Emerson, Head Worker in the House Social Service Department. Miss Emerson was away several weeks and we know did most valuable work. Later she left to introduce social service work at the Naval Hospital in Chelsea.

Miss Ida Cannon, Chief of the Social Service Department, has been granted leave of absence to take up Red Cross work. Miss Ora Mabelle Lewis was appointed in her place and has efficiently guided the work of the department.

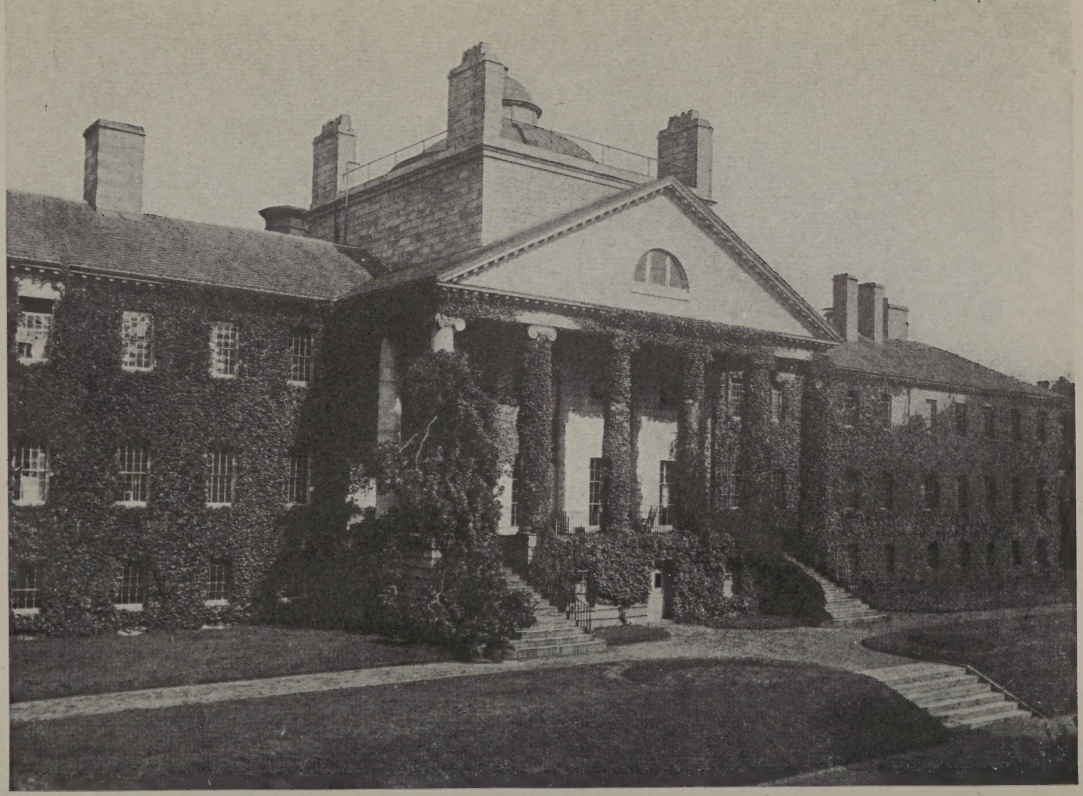
PHILLIPS HOUSE

Almost daily, comment is heard concerning the home-like atmosphere of the Phillips House, and it is safe to pronounce it a distinct success. Its comfort, safety, and convenient location, both for patients and physicians, have contributed to this end.

Recently the fifth floor was furnished for the care of babies and children and placed in charge of an experienced children's nurse. One floor remains unopened solely because we have been unable to provide additional nurses, both pupils and graduates.

Information concerning the admission of patients to the Phillips House will be found elsewhere in the report.

	Number of Patients Admitted.			Total Patients' Days Treatment.	Average Stay in Hospital.
	Medical.	Surgical.	Obstetrical.		
1917	82	274	2	3,594	10 + days
1918	221	796	80	12,854	12 — "



BULFINCH BUILDING—MASSACHUSETTS GENERAL HOSPITAL

In the Dome of this Building Ether was First Given to Full Surgical Anaesthesia, October 16, 1846

CONVALESCENT HOSPITAL

A bequest of fifteen framed photographs and engravings for the Convalescent Hospital from the late Miss Mary A. P. Russell has been received.

On October 3, this hospital, which has been closed for some time as a matter of economy, was opened to provide care for McLean Hospital doctors and nurses suffering from influenza. On October 11 the lower floor was opened for convalescent cases from the General Hospital. After serving its purpose it was again closed on November 5.

NEEDS OF THE GENERAL HOSPITAL

It was to be expected that during the war no expansion could take place. Now, however, we should make some essential changes in our present buildings and erect new, much-needed additions. These needs have appeared in former reports of the Administrator. The most pressing ones are: Fireproofing the Bulfinch Building; a new wing to provide diet kitchens and service rooms for the medical wards; a new laundry, and a new nurses' home. At present, in addition to the two nurses' dormitories connected with the hospital, we occupy five detached houses for nurses — some at a distance from the hospital, and none of them suitable for prolonged use. A new steam-heating system should be installed in the Thayer Nurses' Home. A ward should be built to care for persons of moderate means.

McLEAN HOSPITAL

There is little to record in the Administrator's department at this hospital.

No new building was attempted. Two acres more have been added to the garden.

The value of the garden products is $1,141 more than in 1917.

A disease new in our experience, hemorrhagic septicemia, caused the death of one hundred and ninety young pigs, valued at $1,000.

The following are comparative tables:

	Number of Patients Admitted.	Number of Patients' Days Treatment.
1908	168	78,897
1909	169	79,515
1910	166	80,978
1911	188	80,245
1912	168	81,358
1913	144	80,618
1914	117	77,621
1915	123	77,807
1916	133	76,477
1917	144	77,128
1918	137	75,801

	Average Daily Cost per Patient.	Daily Cost per Capita for Provisions for all Persons Supported.
1911	$3.59 +	$0.479
1912	3.79 +	0.487
1913	3.90 +	0.511
1914	4.07 +	0.517
1915	4.22 +	0.516
1916	4.75 +	0.615
1917	5.27	0.675
1918	5.49 +	0.827

VOLUNTEER WORK AT THE MASSACHUSETTS GENERAL HOSPITAL

I wish to express our thanks to the women who have during the past year served as volunteers in many departments of the hospital.

Probably few people realize to what extent this service has grown, and how important it has become in the running of the hospital. A number of the volunteers have by preliminary training and practice in our laboratories become very skillful and do highly technical work hitherto performed only by physicians.

The extent of this service is shown by the following schedule:

Social Service Department

	Days per Week.
House Social Service.	
1 volunteer	5 days from 9–5
Out-Patient Social Service.	
1 volunteer	5 " " 9–5
	1 " " 9–1
1 " (typist)	4 " " 9–12
Orthopedic Social Service.	
1 volunteer	6 " " 9–1
1 "	3 " " 9–1

Laboratories

Special technician for East Medical Laboratories and New Laboratories	6 days from 9–5
Special technician for West Medical Laboratories	3 " " 11–5
	1 " " 9–1
Special technician for Medical Laboratories	3 " " 9–1
Special technician for West Surgical Laboratories	5 " " 2–5
In charge of Metabolism Apparatus	3 " " 9–11
Assisting with " "	3 " " 9–11
Assisting with Electro-cardiograph	1 " " 2–5

Clinic Secretaries in Out-Patient Department

Skin Room	1 secretary	6 days from 8:45–12:30
Nerve Room	1 "	6 " " 8:45–12:30
Female Surgical	1 "	6 " " 8:45–12:30
Female Medical	1 "	1 " " 8:45–12:30
	1 "	2 " " 8:45–12:30
	1 "	3 " " 8:45–12:30
Children's Room	1 "	6 " " 8:45–12:30
Male Surgical	1 "	2 " " 8:45–12:30
	1 "	4 " " 8:45–12:30
Male Medical	1 "	3 " " 8:45–12:30
	1 "	3 " " 8:45–12:30
Orthopedic	1 "	3 " " 8:45–12:30
	1 "	3 " " 8:45–12:30
Anaphylaxis	1 "	2 " " 8:45–12:30
Industrial	1 "	3 " " 8:45–12:30
Diabetic	3 "	2 " " 8:45–12:30
Infantile	1 "	3 " " 8:45–12:30

Miscellaneous

Two instructors of diabetics	1 day from 9–1
Assistant in history taking in Children's Room	4 days " 9–1

Office worker in X-Ray Department	3	days	from 9–1
" " " " "	2	"	" 9–1
Assistant in cashier's office	3	"	" 9–1
" " admitting clerk's office	6	"	" 9–1
Typist copying medical physical examinations	6	"	" 9–1
Assistant in Treadwell Library	3	"	" 9–1
" " " "	6	"	for 2 hours
Admitting patients to Industrial Clinic	..3	"	from 8:30–11
Instructor in occupational therapy	.....		

In closing I wish to thank your Board for the support you have given me.

Respectfully yours,

JOSEPH B. HOWLAND,
Acting Administrator.

GENERAL HOSPITAL

Table No. 1

COMPARATIVE STATEMENT OF STATISTICS

Hospital Wards and Single Rooms

	1918	1917
Patients in Hospital January 1:		
Medical	95	120
Surgical	225	203
Total	320	323
Patients admitted during year:		
Medical	2,664	2,427
Surgical	4,038	4,272
Total	6,702	6,699
Total patients treated in Hospital wards and single rooms during year:		
Medical	2,759	2,547
Surgical	4,263	4,475
Total	7,022	7,022
Patients discharged during year:		
Well	187	45
Relieved	5,240	5,607
Not relieved	538	459
Against advice	65	68
Died	578	401
Not treated	92	122
Total	6,700	6,702
Patients in Hospital end of year:		
Medical	126	95
Surgical	196	225
Total	322	320

	1918	1917
Total patient's day's treatment:		
Free patients	18,927	25,303
Pay patients	66,621	45,052
Patients paying something	30,782	42,281
Total	116,330	112,636
Percentage:		
Free days	16+	22+
Pay days	57+	40+
Paying something	27−	38−
Total	100	100
Average patients per day:		
Free	52−	69+
Pay	182+	123+
Paying something	84+	116−
Total	318+	308+
Average time per patient in Hospital	17+ days	17− days
Average daily cost per patient	$4.37−	$4.36+
Daily cost *per capita* for provisions for all persons supported	.48+	.41+

Paying patients were admitted at the following rates: 4 at $56.00 per week; 1 at $52.50; 1 at $52.00; 1 at $40.00; 346 at $35.00; 25 at $23.34; 458 at $21.00; 3,238 at $17.50; 18 at $15.00; 14 at $14.00; 7 at $12.50; 52 at $12.00; 1 at $11.75; 374 at $10.50; 7 at $10.00; 2 at $8.00; 1 at $7.50; 3 at $7.25; 561 at $7.00; 3 at $6.00; 144 at $5.00; 1 at $4.00; 128 at $3.50; 11 at $3.00; 8 at $2.50; 5 at $2.00; 2 at $1.50. Some of the patients entered at these rates were afterwards made free.

There were 6,131 patients treated in the Emergency Ward. Of this number 2,031 were retained in the Hospital.

OUT-PATIENT DEPARTMENT	1918	1917
Number of cases treated (new cases)	25,441	31,104
Americans	13,512	16,056
Foreigners	11,929	15,048
Residents of Boston	12,475	12,468
Residents of other places	12,966	18,636
Medical Department	6,584	7,574
Surgical Department	5,650	7,125
Department for Diseases of the Skin	1,862	2,411
Department for Diseases of the Nervous System	946	1,221
Department for Diseases of the Throat	2,825	3,638

	1918	1917
Children's Medical Department	2,089	2,309
Orthopedic Department	2,599	3,171
Genito-Urinary Department	1,343	1,608
Department of Syphilis	1,363	1,580
Dental Department	180	463
Infantile Clinic	00	1
Psychiatric Clinic	00	3
Total number of visits from patients	168,183	205,524
Average daily attendance	557—	678+
Total number of prescriptions filled	65,511	78,820
Number of visits to Hydrotherapeutic Room	00	899
Number of visits to Medico-Mechanical Room	7,007	16,425
Number of applicants	27,285	32,936
Number admitted	25,441	31,104
Referred to other institutions	815	1,085
Number refused	1,029	747
Cost of maintenance of Out-Patient Department	$100,434.59	$110,543.67
Daily average cost per Out-Patient	.60—	.54+

AMBULANCE

	1918	1917
Ambulance calls during year	1,236	1,358
Average calls per day	3+	4—

EMERGENCY WARD

	1918	1917
Visits made to Emergency Ward during year	6,131	6,045
Average visits made per day	17—	17—
Cost of maintenance of Emergency Ward	$11,681.11	$12,380.79
Daily average cost per Emergency Ward patient	1.91—	2.05—

X-RAY

	1918	1917
Number of X-ray cases taken in the Out-Patient Department	9,408	10,161
Number of X-ray cases taken in the House	2,705	4,125
Number of X-ray cases taken in Phillips House	828	268

Table No. 2

RESIDENCES

	1918
Boston	1,579
Massachusetts (except Boston)	5,361
Maine	102
New Hampshire and Vermont	214
Rhode Island and Connecticut	95
Other States	396
British Provinces	52
Total	7,799

Table No. 3

BIRTHPLACES

Boston	681
Massachusetts (except Boston)	2,802
Maine	348
New Hampshire and Vermont	314
Rhode Island and Connecticut	116
New York	132
Southern and Western States	440
Other States	74
Total in United States	4,907
Great Britain	325
British Provinces	559
Ireland	509
Norway and Sweden	156
Italy	443
Russia and Poland	531
Germany	43
France	33
Other places	293
Total Foreigners	2,892

BIRTHPLACE OF MOTHER

Boston	288
Massachusetts	2,120
Maine	321
New Hampshire and Vermont	195
Rhode Island and Connecticut	79
Carried forward	3,003

Brought forward	3,003
New York	159
Southern and Western States	411
Other States	65
Total in United States	3,638
Great Britain	413
British Provinces	868
Ireland	914
Norway and Sweden	166
Italy	641
Russia and Poland	648
Germany	89
France	27
Other places	395
Total Foreigners	4,161

Table No. 4

OCCUPATIONS

Male

Advertising		*Bakery*	
Advertisers	2	Bakers	7
Advertising Agents	2	Foreman	1
Advertising Solicitor	1	Mixers	2
Commercial Artist	1	Packer	1
Aeroplane Plant		*Banking*	
Wire Winder	1	Bankers	3
Ammunition Factory		*Barbers, Hairdressers*	
Laborers	4	Barbers	20
Machinist	1	Hairdresser	1
Polisher	1	*Barrel Business*	
Artificial Limb Factory		Empty Barrel Dealer	1
Artificial Limb Maker	1	*Bar Room*	
Strap Finisher	1	Bartenders	8
Automobile Company		*Basket Makers*	
Mechanics	4	Basket Maker	1
Sheet Metal Worker	1		
Tire Repairers	2	*Belt Factory*	
Top Maker	1	Belt Maker	1

Beverage Industries

Bottle Washer	1
Bottler	1

Blacksmiths

Blacksmiths	10
Blacksmiths' Helpers	3
Collector	1

Blanket Factory

Cutters	2

Bleachery

Packer	1

Book Bindery

Binder	1

Bookkeepers, Accountants

Accountants	2
Bookkeepers	9

Box Factory

Laborers	3

Brass Foundry

Boiler Maker	1
Brass Molder	1
Brass Polisher	1
Buffer	1
Comb Maker	1
Tiler	1

Brick and Stone Masons

Bricklayers	11
Stone Masons	10

Building and Building Contractors

Contractors	2
Crane Operator	1
Foremen	2
Hod Carriers	2
Superintendent	1

Button Factory

Stampers	2

Cabinet Makers

Cabinet Makers	3

Candy Factory

Candy Makers	7
Cone Makers	2
Millwrights	3
Packer	1

Captains, Mates (ship)

Captain	1
Mate	1

Carpenters

Carpenters	84

Carriage Factory

Driver	1
Repairer	1
Trimmer	1

Cartridge Factory

Gauger	1
Stock Chasers	2
Wheelwright	1

Cement Works

Laborer	1

Chair Factory

Shaper	1

Chauffeurs

Chauffeurs	46

Chemical Works

Chemists	2
Laborer	1

Cider Mill

Cellar Man	1

Cigar Factory

Cigar Makers	8

Clerks

Clerks	99
Order Clerk	1
Paymasters	2
Secretaries	4
Timekeeper	1
Weighers	2

Clothing Factory

Cap Maker	1
General Workers	2
Needleworker	1

Coal Company

Coal Passers	2
Coal Shovelers	3
Hod Carrier	1
Laborer	1
Oiler	1
Weigher	1

Cobblers

Cobblers	11

Comb Factory

Pointers	3

Commercial Brokers

Broker, Flour	1

Coppersmiths

Coppersmiths	6

Cordage Company

Rope Maker	1
Rope Weigher	1

Cotton Mill

Beamers	2
Brusher	1
Carders	2
Dryer	1
Inspector	1
Laborers	5
Loom Fixer	1
Machine Operator	1
Slasher Tenders	2
Spinners	6
Weavers	9

Dairy Farm

Cream Tester	1
Farm Advisor	1
Foremen	2
Milkman	1
Stamper	1

Dental Laboratory

Polisher	1

Department Store

Carpet Buyer	1
Checker	1
Collection Clerk	1
Dealers	3
Floor Manager	1
Porter	1
Salesmen	12

Domestic and Personal Service

Bell Boys	5
Bootblacks	3
Brass Polisher	1
Butlers	4
Caretakers	3
Checkers	2
Chefs	8
Cleaners	8
Cooks	18
Dish Washers	7
Door Man	1
Elevator Men	6
Escalator Manager	1
Floor Boy	1
Housemen	8
Kitchen Men	8
Managers, Institution	8
Messenger Boys	2
Orderlies, Hospital	20
Porters	3
Stewards	3
Sweepers	2
Waiters	16

Draftsmen

Draftsmen	2

Drug Factory

Filterer	1

Dye House

Dyers	2

Electricians and Electrical Engineers

Electrical Engineers	5
Electricians	14

Electrical Supply Company

Assemblers	3
Electrician's Helper	1
Helpers	2
Inspector	1
Pipe Fitter	1
Watts man	1

Engineers (mechanical)

Mechanical Engineers	2

Engineers (stationary)

Hoister	1
Stationary Engineers	22

Eyelet Factory

Eyelet Maker	1

Farmers

Farmers	54
Rancher	1

Firemen (not Locomotive or Fire Department)

Firemen	19

Fireworks Factory

Fuse Maker	1

Fishermen

Fishermen	13

Fish Market

Fish Cutters	2
Fish Skinner	1
Lobster Packer	1

Flax Mill

Machine Tender	1

Florists

Florist	1
Potter	1

Flour Mill

Dryer	1

Furniture Factory

Finisher	1

Garden Laborers

Gardeners	16

Gas Works

Boiler Room Helper	1
Laborer	1

Gas Mask Factory

Stitcher	1

Glass Company

Glazers	3
Stained Glass Worker	1
Stock Keeper	1

Glove Shop

Brusher	1
Finisher	1

Glue Factory

Mixer	1

Goldsmiths and Silversmiths

Chaser of Silver	1
Refiner of Gold	1

Guards, Watchmen, etc.

Custodian (museum)	1
Watchmen	14

Harness Shop

Harness Maker	1

Hosiery Mill

Machinist	1

Hostlers and Stable Hands

Stable Men	6

Ice Company

Icemen	7

Insurance

Agents	2
Collectors	3

Iron Foundry

Coal Heavers	2
Core Maker	1
Foundry Men	4
Galvanizer	1
Grinder	1
Heaters	2
Machine Tender	1

Molders	4
Sheet Iron Workers	3
Solderer	1
Sorter	1

Janitors and Sextons

Janitors	18
Sexton	1

Jewelers

Jeweler	1

Jewelry Factory

Mesh Maker	1
Polisher	1
Radium Painter	1
Stamper	1
Watch Makers	3

Keepers of Penal Institutions

Jail Keeper	1

Knife Factory

Grinder	1

Laborers

Garage Laborers	7
General Laborers	256
Street Pavers	84

Laundry

Dryer	1
Ironer	1
Laundrymen	3

Leather Factory

Cutters	2
Dresser	1
General Workers	8
Glazer	1
Japanner	1
Machinist	1
Skiver	1
Sorters	2
Tanners	2

Locksmiths

Locksmith	1

Lodging House Keepers

Lodging House Keeper	1

Longshoremen

Boat Loader	1
Laborer	1
Longshoremen	6

Lumbermen

Woodsmen	3

Lumber Mill

Millwrights	5

Machine Shop

Assembler	1
Benchmen	2
Bolt Maker	1
Drill Maker	1
Laborer	1
Machinists	72
Machinist's Helpers	7
Tool Makers	2

Managers of Transportation Companies

Manager of Automobile Company	1
Manager of Express Company	1
Managers of Garage	3
Manager of Trucking Company	1

Meat Market

Butchers	11
Sausage Maker	1

Mechanics

Mechanics	3

Metal Mine

Mill Runner	1

Metal Works

Enamelers	3
Metal Molders	4
Polisher	1

Navy Yard

Engineer	1
Laborers	2
Machinist	1

Painter	1
Rope Maker	1
Newsboys	
Paper Boy	1
Newspaper	
Editors	2
Pressmen	3
Proof Readers	2
Reporter	1
Nickle Plating Company	
Sprayer	1
Oil Company	
Pipe Man	1
Optical Factory	
Lens Maker	1
Painters	
Painters (unspecified)	29
Sign Painters	3
Paper Box Factory	
Box Maker	1
Press Hand	1
Paper Hangers	
Paper Hangers	3
Paper Mill	
Coater	1
Paper Makers	4
Paper Rulers	3
Sorter	1
Superintendents	2
Pattern Makers	
Wood Pattern Carver	1
Peddlers	
Fruit	2
Junk	11
Peddlers (unspecified)	5
Piano Factory	
Piano Makers	3
Pipe Factory	
Pipe Maker	1
Plasterers	
Plasterers	3
Plumbers and Steam Fitters	
Plumbers	10
Steam Fitters	9
Pool Room Keepers	
Managers	2
Printing Company	
Folder	1
Printers	10
Proof Readers	2
Tool Maker	1
Professional	
Architect	1
Ball Player	1
Clergymen	11
Dentists	5
Chemical Engineer	1
Genealogist	1
Inventor	1
Judge	1
Lawyers	10
Monk	1
Musicians	4
Nurses	6
Photographers	3
Physicians	56
Teachers	4
Trustee	1
Writer	1
Public Service	
City Tax Collector	1
Firemen	8
Letter Carriers	3
Police Officers	11
Postmaster	1
Special Officer	1
Superintendent of Streets	1
Tree Warden	1
Publishers	
Publisher	1
Quarries	
Slate Maker	1
Stone Cutter	1

Radio Company

General Worker	1

Raincoat Factory

Finisher	1

Real Estate

Agents	2

Retail Dealers

Fruit	9
Managers of Stores	6
Newspapers	1
Optician	1
Pharmacists	2

Rubber Factory

Boot Makers	3
Cementers	3
Coat Maker	1
Cutters	2
Foremen	4
Heelers	3
Laster	1
Machinist	1
Mixers	2
Spreader	1
Tanner	1
Trimmers	2

Sail Loft

Sail Maker	1

Sailors and Deck Hands

Deck Hand	1
Mariners	5
Seaman	1

Sales Agents

Sales Agent	1

Salesmen

Buyer	1
Salesmen	25

Saw Mill

Riveter	1

School of Aeronautics

Cadets	8

Ship Yard

Drillers	4
Fireman	1
Fitters	3
Laborers	2
Machinist	1
Reamer	1
Riveters	6
Ship Builders	3
Stage Builders	2
Timekeepers	2
Yard Hands	2

Shipping Clerks

Receiving Clerks	4
Shipping Clerks	24

Shoe Factory

Assemblers	3
Bottom Finisher	1
Buffers	4
Cutters	13
Edge Setters	6
Finishers	4
Foreman	1
Foxer	1
Heel Scourer	1
Heelers	2
Inspector	1
Lasters	13
Liner	1
Machine Operator	1
Nailer	1
Packers	2
Polishers	2
Puller-over	1
Rubber worker	1
Shanker	1
Shoemakers	13
Sole Fasteners	5
Sorter	1
Stamper	1
Stitchers	3
Stock Fitter	1
Superintendent	1
Treers	2
Trimmers	4
Vampers	4
Welt Beater	1

Shovel Factory

Polisher	1

Showmen

Athlete (trainer)	1

Shuttle Factory

Shuttle Maker	1

Silk Mill

Weavers	2

Slaughter House

Skinner	1

Starch Mill

Starch Maker	1

Steam Railroad

Agent	1
Baggage Masters	3
Brakemen	14
Car Cleaners	3
Car Repairers	3
Coal Shovelers	2
Conductors	5
Crossing Tenders	5
Dispatcher	1
Engineers	4
Firemen	9
Freight House Employees	12
Inspectors	2
Laborers	12
Machinists	3
Oiler	1
Porters	2
Postal Clerks	2
Section Foreman	1
Section Hands	4
Train Masters	3
Welder	1

Steel Works

Steel Wire Worker	1

Stone Cutters

Stone Cutters	2

Street Department

Foreman	1

Street Railroad

Motormen	7
Switchman	1

Students

Students	334

Sugar Refiners

Refiner	1

Suspender Factory

Weaver	1

Sweater Factory

Presser	1

Tack Factory

Feeder	1
Machine Operator	1

Tailor Shop

Tailors	34

Tannery

Beamers	2
Curriers	2
Finishers	2
Hide Trimmer	1
Laborers	2
Tacker	1

Teamsters, Truckmen, etc.

Expressmen	3
Furniture Movers	3
Piano Mover	1
Teamsters	56
Truckmen	5

Telegraph Operators

Testers	2

Telephone Company

Cable Splicer	1
Installer	1
Repairman	1
Tester	1

Textile Factory

Packer	1

Tinsmiths

Tinsmiths	5

Tool Shop

Machinist	1
Puncher Press Operator	1
Tool Maker	1

Umbrella Menders and Scissors Grinders

Scissors Grinder	1
Umbrella Repairer	1

Undertakers

Embalmer	1

United States Army

Cadets	3
Officers	4
Privates	9

United States Navy

Cadets (Aviation Corps)	12
Barber	1
Boatswain's Mate	7
Bookbinder	1
Captain	1
Carpenter's Mate	4
Coal Heaver	1
Cooks	11
Coxswains	2
Electricians	16
Engine Man	1
Ensign	1
Firemen	44
Gunners	4
Gunner's Mate	3
Landsmen Electrician, Radio	46
Machinists	9
Master-at-Arms	1
Mess Attendants	10
Musician	1
Painters	2
Pharmacist's Mate	2
Plumber	1
Quartermaster	1
Sailors	12
Seamen	164
Ship Fitter	1
Ship Master	1
Stewards	2
Water Tenders	4
Yeomen	7

Upholsterers

Upholsterers	6

Wholesale Dealers

Foods	1
Furniture	2
Grain	1
Lumber	3
Poultry	2

Wood Carvers

Wood Carvers	2

Woolen and Worsted Mills

Carders	2
Cutter	1
Dryers	2
Finishers	3
Machine Operators	3
Millwright	1
Overseer	1
Percher	1
Shearer	1
Sorters	7
Spinners	3
Stripper	1
Washer	1
Weavers	12

Unclassified

No occupation	970
Occupation unknown	163

FEMALE

Ammunition Factory

Inspector	1

Basket Factory

Basket Maker	1
Straw Worker	1

Belt Factory

Stitcher	1

Biscuit Factory

Labeller	1
Packer	1

Bleachery

Frame Hand	1

Book Bindery

Gold Layer	1

Box Factory

Machine Operator	1
Tiers	3

Brush Factory

Brush Makers	2

Burlap Factory

Patcher	1

Candy Factory

Dippers	5
Machine Tenders	2
Packers	5

Card Company

Folder	1
Paster	1

Clerical

Adding Machine Operator	1
Bookkeepers	7
Canvassers	2
Cashiers	3
Checker	1
Clerks	50
Secretaries	8
Stenographers	14

Clothing Factory

Button-hole Maker	1
Garment Maker	1
Stitchers	3
Waist Maker	1

Cotton Mill

Inspector	1
Spinners	4
Weavers	5

Department Store

Examiner	1
Saleswomen	21

Domestic and Personal Service

Attendants	4
Chambermaids	17
Cleaner	1
Companions	2
Cooks	28
Dish Washer	1
Elevator Operator	1
Hair Dressers	3
Housekeepers	25
Housework	99
Lady's Maids	8
Laundresses	16
Maids	39
Matrons (Institution)	3
Messenger	1
Nurse Maids	10
Probation Officer	1
Recorder	1
Waitresses	27

Dressmakers and Seamstresses

Designer	1
Dressmakers	7
Presser	1
Seamstresses	16

Drill Factory

Inspector	1

Electric Supply Factory

Lamp Maker	1

Fish Wharf

Packer	1
Weigher	1

Gelatine Factory

Forewoman	1

Glove Factory

Glove Makers	3

Hosiery Mill

Floor Girl	1
Inspector	1
Knitter	1
Looper	1
Mender	1

Inspectors (not otherwise classified)

Inspectors	5

Jewelry Factory

Box Cutter	1

Knitting Mill

Machine Operator	1

Machine Shop

Machinist	1

Millinery

Feather Curler	1
Stock Girls	2

Mop Factory

Mop Maker	1

Net and Twine Factory

Machine Operator	1

Printing

Press Feeder	1

Professional

Actresses	3
Anesthetist	1
Assistant in Dentist's Office	2
Chiropodists	3
Dietitians	2
Governesses	3
Hospital Superintendents	2
Librarian	1
Music Teachers	7
Nurses	204
Organists	2
Physical Culture Teacher	1
Physicians	4
Singer	1
Social Workers	9
Teachers	12
Tutors	6

Raincoat Factory

Inspector	1
Stitcher	1

Rubber Factory

Laster	1
Shoers	3
Tennis Maker	1

Shoe Factory

Caser	1
Cutters	4
Doubler	1
Gummer	1
Ironer	1
Liners	3
Packers	2
Painter	1
Perforator	1
Repairers	4
Stitchers	9
Sorter	1
Tackers	2
Upperer	1

Steam Railroad

Car Cleaners	3
Matron	1

Students

Students	21

Tack Factory

Machine Feeder	1

Tailor Shop

Trimmer	1

Telephone Company

Inspector	1
Operators	7

Tobacco Factory

Strippers	2

Toy Factory

Toy Maker	1
Box Maker	1

United States Navy

Yeowomen	12

Watch Factory

Cutter	1
Inspector	1

Woolen Mill

Burler	1
Sorters	2
Speeder	1
Spinner	1
Spooler	1
Weaver	1
Winder	1

Worsted Mill

Burler	1
Gill Box Tender	1

Unclassified

Housewives	1,301
No occupation	1,312
Sister in Convent	1
Unknown	237

Table No. 5

TABLE OF ADMISSIONS, DISCHARGES, AND RESULTS AT THE GENERAL HOSPITAL FROM JANUARY 1, 1885 TO JANUARY 1, 1919

Year.	Total Admitted.	Free.	Paying Board all the Time.	Paying Part of the Time.	Whole Number Treated.			Deaths.	Percentage on Total Admitted.	Greatest Total.	Least Total.	Average.	Admitted through Emergency Ward.	New Out-Patients.	Out-Patient Visits.
					Paying Board.	Paying Board Part of Time.	Free.								
1885	2327	1910	371	46	382	46	2044	192	8.25	184	147	167	443	17016	.....
1886	2580	2124	392	64	409	64	2283	192	7.44	206	133	173	471	17925	.....
1887	2814	2340	429	45	447	45	2523	245	8.70	217	150	185	490	18981	.....
1888	3256	2549	553	154	570	154	2731	277	8.50	215	156	193	496	19472	.....
1889	2419	2825	500	94	514	94	3016	285	8.33	227	170	207	530	22939	.....
1890	3381	2546	581	254	599	254	2719	278	8.13	225	158	198	601	22545	.....
1891	3203	2566	425	212	449	212	2748	268	8.36	233	175	208	595	25819	.....
1892	3325	2612	549	164	566	164	2793	298	8.96	219	171	201	588	26718	.....
1893	3524	2768	614	142	627	146	2949	320	9.06	222	175	203	677	26527	.....
1894	3406	2683	621	102	636	107	2860	320	9.04	237	192	213	566	27989	.....
1895	3749	2553	1028	168	1091	168	2687	344	9.17	236	173	205	585	29146	.....
1896	4304	3103	1061	140	1124	140	3237	384	8.03	256	200	227	617	29867	.....
1897	4079	2841	1126	112	1220	112	2980	361	8.37	259	212	235	823	29181	.....
1898	4807	2854	1778	175	1868	175	3010	430	8.51	304	212	253	943	28741	.....
1899	4816	2812	1781	223	1882	223	2981	407	8.00	284	236	261	958	31003	.....
1900	4640	2985	1442	213	1534	213	3136	449	9.19	286	235	261	1171	31043	.....
1901	5094	3349	1385	360	1466	360	3527	496	9.26	283	217	255	1169	27667	.....
1902	4936	3227	1429	280	1521	280	3398	411	7.90	284	217	254	1024	27662	.....
1903	5080	3222	1653	205	1737	205	3399	438	8.62	305	251	274	1240	27865	.....
1904	5204	3251	1761	192	1861	192	3433	469	9.01	301	237	276	1246	25020	106,175
1905	5096	3073	1858	165	1968	165	3213	451	8.85	301	236	277	1527	21874	110,631
1906	5075	2850	2050	175	2188	175	2968	489	9.61	303	226	272	1650	20010	99,251
1907	5517	3285	2057	175	2189	175	3429	471	8.53	307	252	279	1829	20358	107,063
1908	5362	3417	1837	108	1971	108	3558	465	8.65	323	252	291	1586	20729	116,008
1909	5871	3380	2227	264	2378	264	3525	451	7.68	313	261	288	1737	21518	121,327
1910	6092	3523	2223	346	2361	346	3685	450	7.38	317	262	289	1695	22302	124,584
1911	6495	3874	2114	507	2269	507	4005	475	7.31	320	260	295	2289	22232	135,809
1912	6629	3470	2583	576	2777	613	3779	470	7.00	316	270	294	1939	22639	136,095
1913	6251	3014	2507	730	2670	763	3116	428	6.80	327	281	305	1693	24887	147,428
1914	6413	3252	2400	761	2606	844	3499	425	6.60	339	290	318	1658	24957	158,090
1915	6503	3424	2119	960	2227	960	3642	405	6.20	340	247	312+	1423	29213	190,628
1916	6507	3047	2360	1100	2444	1193	3151	409	6.28	366	204	305+	1351	31061	201,375
*1917	6699	2549	3591	559	3720	682	2620	401	5.98	330	244	318+	1612	31104	205,524
1918	6702	1072	3820	1810	4003	1896	1123	578	8.62	431	226	328+	2031	25541	168,183

* Does not include Phillips House.

Total of patients in wards from the year 1821, 225,929.

General Hospital. — Table No. 6.

ADMINISTRATION ACCOUNT NO. 1, FOR THE YEAR 1918

	Total	General Hospital	Out-Patient Dept.	Phillips House	Consultation Clinic	Convalescent Hospital	McLean Hospital	Eye & Ear Infirmary
Salaries and Wages								
Administration, Officers and Clerks	$52,997.06	$33,189.35	$9,300.46	$8,304.56	....	....	$2,150.00	$52.69
Telephone Operators	3,751.79	1,628.24	542.73	1,580.82	....	....	....	....
Physicians and Surgeons	1,491.45	1,341.45	150.00	....	....	....	....	....
Supt. of Nurses, Assistants and Instructors	7,528.81	7,528.81	....	....	....	....	....	....
Nurses	20,632.19	9,279.69	1,993.58	8,913.74	....	....	....	445.18
Special Nurses	31,729.62	7,062.31	....	24,667.31	....	....	....	....
Orderlies	16,263.78	13,917.39	399.75	1,946.64	....	....	....	....
Apothecary	7,645.54	3,808.34	2,669.86	1,167.34	....	....	....	....
Instrument Shop	1,335.63	1,001.73	333.90	....	....	....	....	....
X-Ray Operators and Clerks	10,328.54	4,563.57	2,273.71	3,491.26	....	....	....	....
Ambulance	2,618.14	2,618.14	....	....	....	....	....	....
Messengers, Cleaners and Maids, O. P. Dept.	9,683.29	....	9,683.29	....	....	....	....	....
Other Out-Patient Dept. Employees	8,470.31	....	8,470.31	....	....	....	....	....
Housekeeping and Kitchen Wages	84,006.98	56,790.69	3,896.64	23,279.09	....	$40.56	....	....
Laundry Wages	16,581.85	11,131.91	1,337.40	4,112.54	....	....	....	....
Pathological Laboratory	15,315.07	14,649.70	....	665.37	....	....	....	....
Maintenance, Property and Power Plant	32,495.44	18,152.52	5,605.24	3,737.76	....	....	....	4,999.92
Corporation Expenses	1,380.00	1,020.00	....	....	....	360.00	....	....
Total Salaries and Wages	$324,255.49	$187,683.84	$46,656.87	$81,866.43	....	$400.56	$2,150.00	$5,497.79
Supplies								
General Administration Expenses	$28,114.93	$22,022.57	$2,496.81	$3,466.92	....	....	$109.88	$18.75
Medical and Surgical Supplies	68,421.43	30,260.66	29,448.76	7,538.04	....	....	712.92	461.05
X-Ray Supplies	8,755.86	5,468.41	1,954.61	1,332.84	....	....	....	....
Ambulance and Automobile Supplies	2,833.70	2,446.55	....	387.15	....	....	....	....
Uniforms and Equipment	3,058.91	2,901.76	86.88	70.27	....	....	....	....
Housekeeping and Kitchen Supplies	30,378.05	23,582.56	1,551.90	4,239.10	....	....	211.74	792.75
Laundry Supplies	4,086.41	1,686.75	257.85	2,078.81	....	....	....	63.00
Groceries and Provisions	169,262.92	126,069.11	6,406.13	34,142.88	....	$228.52	2,376.03	40.25
Maintenance, Property and Power Plant	115,828.66	87,647.32	9,072.03	8,951.40	....	....	....	10,157.91
Refunds	7,294.17	6,651.02	322.80	320.35	....	....	....	....
Miscellaneous	5,996.92	2,524.02	850.15	2,498.86	....	....	34.00	89.89
Total Supplies	$444,031.96	$311,260.73	$52,447.92	$65,026.62	....	$228.52	$3,444.57	$11,623.60

General Hospital. — Table No. 6 (*continued*)

Receipts	Total	General Hospital	Out-Patient Dept.	Phillips House	Consultation Clinic	Convalescent Hospital	McLean Hospital	Eye & Ear Infirmary
Private Room Patients	$151,275.64	$27,325.22	....	$123,950.42	....	....	....	....
Ward Patients	165,186.52	165,145.52	....	....	....	$41.00	....	....
Special Nurses	41,967.03	7,741.29	....	34,225.74	....	....	....	....
Medical and Surgical Supplies	39,359.43	12,300.25	$18,245.78	8,813.40	....	....	....	....
Ambulance	1,902.04	1,514.89	....	387.15	....	....	....	....
X-Rays	25,751.89	10,530.89	5,616.50	9,604.50	....	....	....	....
Emergency Ward Fees	2,481.80	2,481.80	....	....	....	....	....	....
Admission Fees, Out-Patient Dept.	33,996.20	....	33,996.20	....	....	....	....	....
Special Dept. Fees	4,586.10	....	4,232.85	353.25	....	....	....	....
Prescriptions	27,639.21	....	27,639.21	....	....	....	....	....
Consultation Clinic Fees	....	....	....	....	....	....	....	....
Miscellaneous	28,544.42	22,277.39	1,699.16	4,567.87	....	....	....	....
Eye and Ear Infirmary	17,121.39	....	....	....	....	....	....	$17,121.39
Insurance Adjustment by Treasurer	10.72	....	....	....	....	10.72	....	....
Total Hospital Receipts	$539,822.39	$249,317.25	$91,429.70	$181,902.33	....	$51.72	....	$17,121.39

SUMMARY ADMINISTRATION ACCOUNT NO. 1

	Total	General Hospital	Out-Patient Dept.	Phillips House	Consultation Clinic	Convalescent Hospital	McLean Hospital	Eye & Ear Infirmary
Salaries and Wages	$324,255.49	$187,683.84	$46,656.87	$81,866.43	....	$400.56	$2,150.00	$5,497.79
Supplies	444,031.96	311,260.73	52,447.92	65,026.62	....	228.52	3,444.57	11,623.60
Corporation Expenses and Insurance Paid by Treasurer	13,298.25	9,088.50	1,329.80	2,847.85	$32.10	....	....	....
Total Expenses	$781,585.70	$508,033.07	$100,434.59	$149,740.90	$32.10	$629.08	$5,594.57	$17,121.39
Total Hospital Receipts	$539,822.39	$249,317.25	$91,429.70	$181,902.33	....	$51.72	....	$17,121.39
From Treasurer	232,000.00	....	....	....	....	....	....	....
Corporation Expenses and Insurance Paid by Treasurer	13,287.53	....	....	....	....	....	....	....
Total Receipts	$785,109.92	....	....	....	....	....	....	....
Cash on hand, January 1, 1918	$1,111.32	....	....	....	....	....	....	....
Cash on hand, December 31, 1918	4,635.54	3,524.22	....	....	....	....	....	....
Total	$781,585.70	....	....	....	....	....	....	....

McLean Hospital. — Table No. 1

ADMINISTRATION ACCOUNT NO. 2, FOR THE YEAR 1918

	Total	McLean Hospital	General Hospital	Phillips House	Convalescent Hospital
Salaries and Wages					
Administration, Officers and Clerks	$5,751.79	$5,751.79	....	....	....
Medical Officers	14,524.30	14,524.30	....	....	....
Supt. of Nurses, Assistants and Instructors	6,429.24	6,429.24	....	....	....
Women Nurses	18,791.34	18,791.34	....	....	....
Men Nurses	18,742.42	18,742.42	....	....	....
Druggists	583.55	583.55	....	....	....
Ward Maids	7,907.71	7,907.71	....	....	....
Barber	769.35	769.35	....	....	....
Diversions	3,384.49	3,384.49	....	....	....
Libraries	533.34	533.34	....	....	....
Laboratories	2,858.07	2,858.07	....	....	....
Housekeeping and Kitchen Wages	30,168.33	30,166.08	$2.25	....	....
Laundry Wages	8,049.21	8,049.21	....	....	....
Stables	5,324.92	4,994.89	297.98	$32.05	....
Farm and Garden	19,751.69	19,240.02	507.67	....	$4.00
Maintenance, Property and Power Plant	33,777.23	33,696.17	19.35	....	61.71
Miscellaneous	425.00	425.00	....	....	....
Corporation Expenses	....	....	....	....	....
Total Salaries and Wages	$177,771.98	$176,846.97	$827.25	$32.05	$65.71
Supplies					
General Administration Expenses	$4,791.01	$4,790.45	$0.56	....	....
Libraries	529.12	529.12	....	....	....
Medical and Surgical Supplies	1,171.54	1,171.54	....	....	....
Nurses' Uniforms and Equipment	1,035.86	1,035.86	....	....	....
Housekeeping and Kitchen Supplies	16,970.45	16,945.13	25.32	....	....
Laundry Supplies	1,534.57	1,534.57	....	....	....
Groceries and Provisions	125,099.35	116,306.53	7,950.48	$842.34	....
Stables	8,267.86	8,238.78	29.08	....	....
Farm and Garden	17,514.36	14,672.26	2,687.18	154.92	....
Maintenance, Property and Power Plant	79,333.11	79,261.02	16.50	....	$55.59
Laboratories	.60	.60	....	....	....
Diversions	1,811.14	1,811.14	....	....	....
Purchases for Patients	14,729.82	14,729.82	....	....	....
Miscellaneous	26.15	26.15	....	....	....
Total Supplies	$272,814.94	$261,052.97	$10,709.12	$997.26	$55.59

McLean Hospital. — Table No. 1 (*continued*)

	Total	McLean Hospital	General Hospital	Phillips House	Convalescent Hospital
Receipts					
Board of Patients	$426,763.75	$426,763.75	....	....	....
Private Drives	2,294.75	2,294.75	....	....	....
Purchases for Patients	19,535.21	19,535.21	....	....	....
Nurses' Uniforms and Equipment	887.67	887.67	....	....	....
Miscellaneous	6,053.76	6,053.76	....	....	....
Total Hospital Receipts	$455,535.14	$455,535.14	....	....	....

SUMMARY ADMINISTRATION ACCOUNT NO. 2

	Total	McLean Hospital	General Hospital	Phillips House	Convalescent Hospital
Salaries and Wages	$177,771.98	$176,846.97	$827.25	$32.05	$65.71
Supplies	272,814.94	261,052.97	10,709.12	997.26	55.59
Corporation Expenses, Insurance, Pensions paid by Treasurer	42,515.97	42,515.97	....	....	....
Total Expenses	$493,102.89	$480,415.91	$11,536.37	$1,029.31	$121.30
Total Hospital Receipts	$455,535.14	....	....	....	....
To Treasurer $22,500.00	....	....	....	....	....
From Treasurer 20,000.00	2,500.00				
	$453,035.14				
Corporation Expenses, Insurance and Pensions, paid by Treasurer	42,515.97	....	....	....	....
Total Receipts	$495,551.11	....	....	....	....
Cash on hand, January 1 $8,273.25	....	....	....	....	....
Cash on hand December 31 10,721.47	2,448.22	....	....	....	....
Total	$493,102.89	....	....	....	....

SUMMARY ADMINISTRATION ACCOUNTS NOS. 1 AND 2

	Total	General Hospital	Out-Patient Dept.	Phillips House	Consultation Clinic	Convalescent Hospital	McLean Hospital	Eye & Ear Infirmary
Total Expenses Account No. 1	$781,585.70	$508,033.07	$100,434.59	$149,740.90	$32.10	$629.08	$5,594.57	$17,121.39
Total Expenses Account No. 2	493,102.89	11,536.37	....	1,029.31	....	121.30	480,415.91	....
Grand Total Expenses	$1,274,688.59	$519,569.44	$100,434.59	$150,770.21	$32.10	$750.38	$486,010.48	$17,121.39
Total Receipts, Account No. 1	$539,822.39	$249,317.25	$91,429.70	$181,902.33	....	$51.72	....	$17,121.39
Total Receipts, Account No. 2	455,535.14	....	....	....	....	....	$455,535.14	....
Grand Total Receipts.	$995,357.53	$249,317.25	$91,429.70	$181,902.33	....	$51.72	$455,535.14	$17,121.39

Excess of Expenses of General Hospital and Departments is $248,855.72
Excess of Expenses of McLean Hospital is $30,475.34

STATEMENT OF STOCK ON HAND

	1918	1917
Administration Supplies	$4,072.67	$4,136.28
Professional Care of Patients' Supplies	18,738.46	17,520.40
Department Supplies	38,007.51	39,499.39
General House and Property Supplies	7,574.41	7,592.10
General Material	4,954.41	4,331.99
Phillips House	5,329.50	4,296.52
Total Stock on hand January 1, 1919	$78,676.96	$77,376.68

McLEAN HOSPITAL

Table No. 2

COMPARATIVE STATEMENT OF STATISTICS

		1918		1917
Patients in Hospital first of year		209		203
Patients on visit first of year		6		10
		215		213
Patients admitted during year		137		144
Patients discharged during year		138		142
Not insane	3		4	
Recovered	41		43	
Much improved	23		14	
Improved	25		30	
Not improved	23		36	
Deceased	23		15	
Patients in Hospital end of year		205		209
Patients on visit end of year		9		6
		214		215
Total number days' treatment		75,801		77,128
Free patients		449		696
Patients paying less than $30		18,390		25,469
Patients paying $30 or more		56,962		50,963
Average patients per day		208		211
Free patients		1		2
Patients paying less than $30		51		70
Patients paying $30 or more		156		139
Average rate of board charged per week		$39.98		$36.33
Average cost per patient per week		38.46		36.89
Daily cost *per capita* for provisions for all persons supported		0.827		0.675

REPORT OF THE LADIES' VISITING COMMITTEE

The members of the Ladies' Visiting Committee have visited the wards of the hospital as usual, but this year their visits have been twice interrupted, owing to the epidemic of scarlet fever early in the year and on account of the influenza epidemic in the autumn. They have also again extended their visits to the Medico-Mechanical Room, where patients from the Naval Hospital have been received.

By vote of the Committee, the income from the Joslin Fund for the past year was placed in the hands of Miss Brackett to be used in bedside therapeutics. Miss Brackett has continued to provide convalescent patients, both men and women, with handiwork, which has proved of great benefit to them. While carrying on this work, she has trained several volunteers. It is always undertaken by the patients voluntarily, and with the approval of the physician in charge.

This Committee has continued to contribute to the salary of one of the social workers in the wards, while the salary of an additional worker has been paid by one of its members.

A letter from Dr. Washburn, now Colonel Washburn, has been received enumerating the special uses to which the $5,000 raised by this Committee has been put.

On account of war conditions, this Committee and the Social Service Department lost the valuable services of Miss Ella L. Lyman, who was appointed Head of the Visiting Hospital Department under the New England Red Cross. Miss Ruth V. Emerson, at the

head of the Social Service in the hospital, was called to the Naval Hospital at Chelsea, and has recently received the appointment of Head of Medical Social Aids in the Surgeon-General's office at Washington. While the Committee feels that this permanent appointment of Miss Emerson's is a serious loss, they are greatly pleased at the prospect of Miss Lyman's return in the near future.

This Committee wishes to testify to a spirit of loyalty and coöperation which they observed everywhere in the hospital, and which extended during this unusual year even to the patients in the wards.

The Warren Library was closed two weeks in February and a month this autumn when the library lost the faithful services of Miss Hodges. Miss Gladys Knight from the Worcester Public Library has taken her place. The total issues for the year to patients and employees were 14,387, which certainly reveals an interest in the library.

The small reading-room, which was opened last year, has been constantly used by the nurses.

The Hospital Fund for the purchase of books is so small and the demand for the newest books is so great that the needs of the library cannot be filled. Dr. Richard Cabot's annual gift of fifty dollars is of the greatest assistance; any other contributions for this purpose, however small, would be gratefully received and acknowledged by the Treasurer of this Committee, Mrs. John Lowell.

The Ladies' Visiting Committee wishes to express its appreciation of the assistance they have received from the officers of the hospital, and especially from Dr. Howland, the Acting Administrator.

CHARLOTTE S. SPRAGUE,
Secretary.

REPORT OF THE ADVISORY COMMITTEE ON THE GENERAL HOSPITAL TRAINING SCHOOL

The Ladies' Committee on Training School has to report the usual work and oversight of the nurses and no marked events, except, unfortunately, a great deal of illness.

An epidemic of scarlet fever last winter, such as the hospital has not seen for many years, laid low many of our nurses, and this autumn the influenza attacked eighty-five of the pupil nurses, mercifully with only one death, and all are now recovered, though not all back on duty.

The supply of probationers has continued of excellent quality, with a number of college graduates among them, and the standard of work is excellent, though, owing to so much illness, the nurses have been very hardworked and we have not had sufficient service, it being impossible to get in outside nurses, owing to so much illness in the community.

The great need, at present, for the nurses, is a new living home. The nursing service has grown so much that we are unable to house all the nurses in buildings directly connected with the hospital, and seventy-two nurses are now housed outside in two houses on Charles Street and three on North Grove Street.

This has grave disadvantages both for the nurses and the hospital and we wish much that some generous benefactor would give us a new home and house the nurses as they should be, within the hospital bounds.

Many of our graduates are still on the other side,

and Miss Parsons, the superintendent at Base Hospital No. 6, at Bordeaux, staffed by our nurses, reports admirable work done there.

We hope peace will soon bring back to us all our nurses and Miss Parsons, with their splendid experience of "over there" to help us on the way to even better standards of training and help for our nurses.

E. T. VAUGHAN,
Acting Chairman for the Committee.

REPORT OF THE SUPERINTENDENT OF NURSES TO THE RESIDENT PHYSICIAN

STATISTICAL REPORT

December 31, 1918

Number of graduate nurses in school	26
Number of pupil nurses	187
Number of probationers	43
Number of affiliated nurses	8
Number of post-graduate students	2
Total	266

During year:

Graduated in 1918	66
Probationers admitted	90
Probationers accepted	36
Probationers still in school	33
Probationers dropped	21
Pupils dropped or withdrawn	6
Pupils died	1
Nurses from affiliated hospitals having taken course	29
Nurses having taken post-graduate course	4

Two members of the class of 1919 have been allowed to complete their training elsewhere: one in Richmond, Va., in preparing herself for public health work, and the other, one of our Greek nurses, was asked to go with the Greek Commission for relief work in Europe. Having completed her required work here, she will receive our diploma after further work in some Greek hospital.

Our affiliations with the Boston Lying-In Hospital, Wesson Maternity Hospital, Springfield, Massachusetts Charitable Eye and Ear Infirmary, McLean Hos-

pital, and the District Nursing Association, continue as previously.

The Boston Lying-In Hospital has been willing to increase the number of appointments, and we now have ten pupils taking their obstetrical course at that institution, instead of four, as last year.

Because of the demand for public health nurses, the Red Cross has, through scholarships, tried to increase the undergraduate enrollment in the Instructive District Nursing Association. A class of twenty extra pupil nurses was in this way accepted in the District Nursing Association last June, and our school was allowed to use four of these appointments. The course has been very helpful and very popular, and it is hoped that with the cessation of the war it will still be possible to receive funds to continue this work on such an extensive basis.

We have the following number of pupil nurses pursuing their training in institutions or departments outside of the General Hospital.

Boston Lying-In Hospital	10
Wesson Maternity Hospital	17
Massachusetts Charitable Eye and Ear Infirmary	4
McLean Hospital	4
Phillips House	25
Social Service	2
District Nursing Association	4

The war has stimulated a great increase of interest in the study of nursing, and we have had many more inquiries than usual in regard to the course offered at this hospital. There has been a considerable decrease in this number since the cessation of hostilities, but we are still able to fill our classes to the utmost capacity of our nurses' homes, and we have never had a more desirable class of applicants.

For several years it has been the custom to offer a short course of hospital experience to young women called "nurses' aids," who have completed the Red

Cross course in home nursing. This term of hospital work has been increased from seventy-two hours to one month, and nineteen nurses' aids spent a month on our wards during the summer. They proved themselves interested and helpful, and during the two epidemics of influenza we were very glad to call some of them in to help the nurses in the routine work of the wards. Their work has been much appreciated, and their spirit of helpfulness very gratifying.

There have been many changes on the Training School staff, particularly during the first six months of the year, and twelve of the graduate members of the Training School have left the hospital to go directly into service. They are as follows:

Dora M. Clark	1911
May Warner	1916
Marion Mantius	1917
Ruth Morgan	1918
Mary M. Craighill	1918
Elizabeth Thompson	1918
Kathleen Parks	1917
Corine Samuelson	1913
Adele Richardson	1914
Bertha Wheeler	1915
Agnes Dunn	1917
Mary M. Loomis	1917

This makes a total of over two hundred of our alumnae who have gone into military service since the war began.

We are sorry to record the death of three of this number: Lucy Fletcher of the class of 1916, who was attached to our Massachusetts General Base Hospital, died in May of epidemic meningitis; Nellie J. Ward and Frances E. Bartlett, both of the class of 1916, and in service with the American Expeditionary Force in France, also lost their lives in this great struggle.

The Trustees voted this year to set aside annually the sum of six hundred dollars ($600) to be used in six one-hundred-dollar scholarships, for students of

more than average ability, who should apply for financial assistance. Six pupils were thus awarded scholarships by the hospital during the past year. One student has been helped by the "Student Loan Fund," which is held in trust by the Training School Advisory Committee.

One of our greatest needs is a sufficient Endowment Fund to help with our Training School work. This Fund, begun by the Alumnae Association several years ago, has been growing gradually but surely. It now amounts to $5,132.31, but needs to have much more publicity if it is to reach a sum which will in any way meet its purpose.

The immediate need of the Training School is a new adequately equipped nurses' home. We have outgrown both homes, and the temporary addition of the houses at No. 92 Charles Street is inadequate and unsatisfactory. Three small tenements on Grove Street have been recently renovated, and as a temporary measure are used for a home for our graduate nurses.

Respectfully submitted,

HELEN WOOD,
Acting Superintendent of Nurses.

MASSACHUSETTS GENERAL HOSPITAL TRAINING SCHOOL FOR NURSES

A THREE-YEAR course is maintained, including a four-month preliminary course, during which time the probationers receive instruction in the classroom.

The pupils receive experience in general medical, surgical and obstetrical work; also operating technique, dietetics, massage and bandaging. Pediatrics, orthopedic and several other branches also receive attention.

Classes and lectures on physiology, anatomy, bacteriology, materia medica, hygiene and sanitation are given by paid instructors.

Personal applications should be made whenever possible on Wednesdays, from 10 A.M. to 1 P.M.

It is well to write previously to the Superintendent of the Training School for the circular of information.

There is a nonpayment system. A tuition fee of forty dollars ($40) is paid upon entrance for the preliminary course. A deposit of ten dollars ($10) is made for breakage, the balance of which is refunded at graduation. The Hospital furnishes the text-books and the uniforms. There are six scholarships offered yearly to those students who attain the highest average.

There is no arbitrary age limit — acceptance depends upon education, general health and personal qualifications.

A high-school education or a good equivalent is required, with an elementary knowledge of Latin, physiology and chemistry.

There are attractive special courses, affiliations and post-graduate opportunities.

For further particulars apply to the Superintendent of the Training School.

ANNUAL REPORT OF THE TREADWELL LIBRARY

The year has been a quiet one in the library, with a greatly reduced number of readers, as one after another of our staff has been called into service. But though quiet, we have been busily occupied, and when the reading-room is once more full of our returning men they will find that "war work" has been done in the "old Treadwell," and that we are ready, as we give them welcome, to lay before them a fairly complete history of the work in which they have been engaged across the seas.

The year just past has unexpectedly proved the real efficiency of our reduced form of clinical cataloguing, made necessary on account of the diminished number of clerks. While far from being equal to the old method, we have, by means of various symbols, been able to record most of the important points on every case. The cessation of the "follow-up work" has been a matter of much regret to all who make use of the records, and it is hoped that it will soon be possible to supply sufficient assistance to once more carry on this most important part of our system of record keeping.

Two clerks, Miss G. E. Bradford and Miss C. J. Woodrough, who had long been attached to the library staff, left in September to enter military service as yeowomen. Most faithful and valuable assistance is being rendered by two volunteers, Miss C. M. Merkel and Mrs. J. H. Means. The former has kept up a part of the routine work, which without her help would doubtless have been dropped; and the latter has been untiring in her efforts to collect military information concerning the hospital staff and alumni, a matter of historical importance to the hospital.

The War Bibliography, compiled by the Librarian, and mentioned in last year's report, was continued through the year 1918 and sent weekly to American Red Cross Headquarters in Washington. Twenty-one volumes of fiction, donated by a member of the hospital staff, were forwarded for war libraries, and a goodly number of magazines have gone "overseas" to Base Hospital No. 6. Since June 1, a large number of duplicate medical journals and United States Public Health reprints have been sent to the hospital library at Camp Devens.

Gifts of books have been received from

Dr. J. C. Warren
Dr. D. L. Edsall
Dr. R. P. Strong
Dr. H. Cabot
Dr. G. W. Holmes
Dr. W. B. Swift
Dr. W. T. Porter
Dr. E. P. Joslin
Dr. G. F. Lydston
Dr. J. W. Farlow
Dr. W. W. Duke
Miss Ida Cannon
Miss C. M. Merkel
Miss I. Cummins
Carnegie Endowment for International Peace
Cornell University
Harvard College
Library of Congress
Mayo Clinic
Medical Library Association
Rockefeller Institute for Medical Research
Stanford University
United States Government
University of Illinois
University of Michigan

Thanks are again expressed for the transactions of various societies, for many reprints, and for government publications.

Following are the yearly statistics:

LIBRARY

INCREASE

Number of periodical volumes at beginning of year		4,321
Number of other volumes at beginning of year		5,332
Number of periodical volumes added during the year	72	
Number of other volumes added during the year	89	161
		9,814

Number of periodical volumes lost or withdrawn during the year	0	
Number of other volumes lost during the year	0	
Total number of volumes at end of year		9,814
Number of pamphlets at beginning of year		9,189
Number of pamphlets added during the year	480	
Number of pamphlets withdrawn during the year	0	480
Total number of pamphlets at end of year		9,669
Total number of current serials and periodicals		68

USE

Total number of volumes lent for home use		177
Number of restricted loans (over night, 24 hours)		30
Number of interlibrary loans		0
Recorded use in reading rooms (not recorded)		
Total attendance of readers		1,763
Evening attendance of readers (Library not open in the evening)		

RECEIPTS FROM

Fees of members (none)	
Trust funds (approximate)	$225.00
Gifts	0
Other sources	18.00
(Balance of expenses paid by the hospital)	
	$243.00

PAYMENTS FOR

Books	$42.30
Periodicals	237.30
Binding	107.55
Completion of files	3.61
Salaries	1,634.47
Other maintenance	40.00+
Total	$2,065.23+

RECORDS

Number of volumes indexed and prepared for binding		199
Cards written:		
For clinical catalogue	3,040	
For name catalogue	7,833	
Total		10,873

Number of Records copied or abstracted .	1,245
Number of individuals consulting Records	1,623
Follow-up work (discontinued during shortage in number of clerks)	

Respectfully submitted,

GRACE W. MYERS,
Librarian.

REPORT OF THE CHIEF OF HOSPITAL SOCIAL SERVICE TO THE RESIDENT PHYSICIAN

The year nineteen hundred and eighteen has, without doubt, given our Hospital Social Service Department greater and more far-reaching opportunities to demonstrate its real value than any in the history of the social service movement. These opportunities have come, not as the result of expansion, but as emergency calls from outside. Demands have been made upon the department exactly as they have been made upon physicians, nurses, and other members of the hospital staff, and in exactly the same spirit. Nothing has shown so clearly the essential service to be rendered by medical social workers, nor so conclusively justified their existence as an integral part of the hospital, as their response in time of disaster.

Miss Ruth Emerson, our head social worker, was sent to Halifax on the second relief train under orders from the American Red Cross. She remained several weeks at the request of Governor Bell, assisting in the correlation of immediate needs with plans for after-care of patients in the emergency hospitals.

Later, when social service was first introduced into the United States Naval Hospitals, Miss Emerson was asked to become its pioneer and break ground at the Naval Hospital in Chelsea, Mass. Our hospital responded to the call by releasing Miss Emerson in the middle of the year for this purpose, Mrs. Ruth Boretti, her assistant, becoming head worker of the department. Miss Aletta Horn, at the end of a year with us, was also called to the work in the Navy Department under Miss Emerson.

In September and October, during the unprecedented epidemic of influenza, our workers not only met every possible social need of the group of patients in our wards, but gave unstinted aid in the work mentioned in the adjoining report of the Out-Patient Department Social Service. Just as conditions in the immediate vicinity were improving, the Brooks Out-Door Hospital in Springfield, an emergency state hospital for influenza, began to demobilize and automatically to discharge patients without any knowledge of whether, in the disorganized community, they had any place to go. In response to an urgent appeal, Dr. Howland gave permission for Miss Murphy to go to their assistance. She remained ten days, with gratifying results both to Springfield and ourselves. In October, Miss Ida M. Cannon was granted an indefinite leave of absence to become Associate Director of Health in the Home Service Section of the New England Division of the Red Cross. Practically no change has been made in the number of patients and scope of the intensive work done within the wards, with the exception of the emergency group of influenza patients — ninety-seven in number — for forty-five of whom convalescent care was arranged either at the Convalescent Hospital at Waverley, which was opened temporarily, or at St. John's Seminary, where, through the courtesy of Cardinal O'Connell, we were able to care for male patients.

We have helped in the training of seven students — four from the Boston School of Social Work, two from the Red Cross Institute, and one from the Smith College Summer School in Psychiatry.

Eight hundred and eighteen patients were referred to Social Service during the year, with the following diagnoses: Tuberculosis, 112; carcinoma, 103; influenza, 97; cardiac cases, 74; empyema, 22, and goiter, 13.

That no curtailment of work or lowering of stand-

ards resulted from all the extra pressure has been due to the generosity of the hospital, one of our lady visitors, and the Permanent Charity Fund, in making it possible for us to keep up a large enough staff to do the regular work; and to the generosity of the workers in giving of themselves to meet the extra demands made upon them.

Respectfully submitted,

Ora Mabelle Lewis,
Acting Chief of Social Service.

REPORT OF THE SOCIAL SERVICE IN THE OUT-PATIENT DEPARTMENT

The policy upon which the work of the Out-Patient Social Service has been based during the past year has been one of concentration rather than expansion, — a policy made difficult by the fact that workers have been constantly called upon to meet emergencies, both within and without the department. With the further inroads which have been made into the medical staff, the greater have been our responsibilities to help in the efficient medical and social care of our patients. Between social workers and ever-changing physicians, continued adjustments have been necessary in every clinic. Fortunately there have been but few permanent changes in the personnel of the department; and it is worthy of note and appreciation that our workers have felt not only the value of our work, but loyalty to it. Many of them have stayed with us in the face of very tempting offers of positions elsewhere, — some surrounded by the glamour of war, and some offering greater responsibility and chance of advancement.

Miss Johnson was released from the Orthopedic Clinic in the Middle of the year to go as medical social worker at the Portsmouth (N. H.) Naval Hospital, under Miss Emerson.

The department has suffered severe loss in the death of Dr. Putnam and Miss Enebuske. By a singular coincidence the work especially affected is that of the Neurological Clinic. As a member of the Supervisory Committee, and Chairman of the Finance Committee,

Dr. Putnam's death is more than a personal one; but that we may mention in the same breath Miss Enebuske, with her youth and promise, and Dr. Putnam, whose life work was complete, speaks worlds for the spirit of both, and to their associates seems not incongruous.

Dr. Richard M. Smith has acted as Chairman of our Supervisory Committee in the absence of Dr. Richard Cabot. Mrs. Charles E. Mason, Miss Frances R. Morse, Dr. Minot, and Dr. Lowe, who were appointed as temporary members of the Supervisory Committee in place of Mrs. Thayer, Mrs. Lothrop, Dr. Lee, and Dr. Osgood, have been made permanent additional members of the Committee.

The State Board of Health, in launching their program for the control and care of syphilis and gonorrhoea, and placing the clinics at the Massachusetts General Hospital on their "approved list," thereby greatly increased the routine work, as well as the responsibility of the social workers in these clinics. Almost simultaneously with this, because of serious illness, came the resignation of Mrs. Edith L. Smith from the position she has held in the Genito-Urinary Clinic since a social worker was first attached to it.

The King's Chapel Bureau for the Handicapped has discontinued the maintenance of a worker in our Out-Patient Department.

Miss Baker, head worker in the General Department, was among the group of medical social workers who went to the relief of Halifax. Later, during the epidemic of influenza, she was in charge of the "follow-up" work done by medical social workers for 8,282 influenza patients who had been cared for by the Instructive District Nursing Association. This work was done under the Mayor's Emergency Committee, and the results were reported to Health Commissioner Woodward. The statistical material was gathered and interpreted under direction of two of our workers.

Every member of our department gave all or part of her time to city or state emergency work during the crisis.

Among recent publications appear:

Economic Efficiency of Epileptic Patients. — Dr. Mabel Ordway and Margherita Ryther. Journal of Nervous and Mental Diseases, May, 1918.

Report of Committee on Hospital Social Service. — National Organization for Public Health Nursing; Ida M. Cannon, Chairman. — The Great Medical Social Problem of Venereal Diseases. The Public Health Nurse, August, 1918.

"Venereal Disease"? — Dr. C. Morton Smith and Miss Lewis. Boston Medical and Surgical Journal, Oct. 23, 1918.

Plans for the coming year look toward increasing our facilities for teaching, realizing that we are pledged to the continuance of a training centre in medical social service. Only in this way can true "expansion" be obtained.

The work of the department is made possible through the generosity of our individual contributors and a grant from the Permanent Charity Fund.

Respectfully submitted,

Ora Mabelle Lewis,
Acting Chief of Social Service.

RULES FOR ADMISSION, ETC.

Applications for admission of all patients, except to Phillips House, should be made at The Moseley Memorial Building, Fruit Street, Boston, on week days between the hours of 9 A.M. and 3 P.M.

Emergencies and recent accidents admitted at all hours.

Applications from a distance should be made in writing, accompanied by a full description of the case by the attending physician, with reason of the physician for thinking hospital treatment desirable, and when a free bed is needed, by a statement of the pecuniary condition of the patient. Always wait for a reply before sending the patient.

Contagious cases are not admitted to the hospital, and only such chronic cases as can be partially relieved by temporary treatment.

Paying patients in rooms will be charged $35 per week. In the general wards the rate of board to paying patients is $17.50 per week. These rates, covering only expenses of board and lodging, may be increased or abated in individual cases by the Resident Physician.

In cases requiring gratuitous treatment no charge will be made.

An ambulance, accompanied by a medical officer, will be despatched to any point within the city proper for the conveyance of cases of accident or urgent sickness, not contagious, to this hospital, or elsewhere, upon notice from a physician, the police, or other respon-

sible source, subject to the approval of the Resident Physician.

The Out-Patient Department is for the poor only and is open from 8.30 to 10 in the morning, Sundays and holidays excepted.

Phillips House. All inquiries concerning the admission of private patients should be made to the Resident Physician, Massachusetts General Hospital.

There is a separate entrance for this department at 265 Charles Street. Telephone service is also separate. All inquiries for private patients should be made through "Haymarket," 4490, and not through the regular hospital exchange.

Ambulance service is provided.

The private ward is for the treatment of general medical and surgical diseases and obstetrical cases. Contagious diseases, cases of alcoholism and drug habit are not admitted.

Patients in the Phillips House may be attended only by members of the staff and alumni of the hospital.

PROCTOR HOUSE MEN'S BELKNAP PIERCE BUILDING WOMEN'S BELKNAP APPLETON HOUSE CHAPEL SUPT'S HOUSE

McLEAN HOSPITAL

THE ONE HUNDRED AND FIRST REPORT OF THE SUPERINTENDENT OF THE McLEAN HOSPITAL

To the Trustees of the Massachusetts General Hospital:

The following report of the McLean Hospital for the year 1918 is respectfully submitted:

One hundred and thirty-seven patients were admitted, 138 were discharged, and 205 remained in the hospital at the end of the calendar year. The whole number under treatment was 352. The daily average was 208, which is three less than that of last year. The recoveries were 29.9 per cent of the admissions and practically the same of the dismissals. Of the 137 admissions, 72 were primarily voluntary patients, and 8 became such by signing an application to remain under treatment at the expiration of the legal period for temporary care and observation. Of these 80 voluntary patients one was committed because of a formal request for discharge which could not properly be granted. There remained on this basis at the end of the year 77 persons, 29 men and 48 women, 12 more than last year. During the year 16 patients were admitted for temporary care (Acts 1915, chap. 174), 2 more than last year. Of these 8 made a voluntary application to remain in the hospital, 7 were formally committed, and 2 were discharged, including the one remaining at the end of last year. Of the 137 patients admitted, 14 came from hospitals in Massachusetts and 4 from hospitals in other states. In addition to these, 20 were received from the Psychopathic Department of the Boston State Hospital, to which they had been admitted for observation.

The statistical tables appearing later in this report are for the year ending September 30, and are made in the forms suggested by the American Medico-

Psychological Association and adopted by the Massachusetts State Commission on Mental Diseases. Forms one and two are not required of private hospitals and are therefore omitted.

The medical work of the year has been carried on with some difficulties by a war-depleted staff, and the strain was much increased by the epidemic of influenza which prevailed during September and October. There were 56 cases at the hospital, which included 2 members of the medical staff, 9 patients, and 29 nurses. Two died, a woman patient and a man nurse, both of pneumonia. All cases were promptly isolated, at first in special rooms in the two Belknap Houses and later in the Convalescent Home, which was opened for the purpose, and in addition a fairly efficient quarantine of the hospital was maintained for some weeks. There was a slight return of the epidemic in December with 7 cases and the death of a woman nurse from pneumonia. This epidemic added very materially to the difficulty of the proper care of the patients because of the further depletion of the nursing service which previously was distinctly inadequate.

With the end of the war the hospital staff is returning. Major Abbot and Captain Wells already have been released from government service. The former has gone to Plattsburg to study war neuroses and the latter has resumed his work at the hospital.

The following is a list of articles written by the hospital staff which were published during the year:

Dr. Packard:

"Suggestions on the care of mental cases," Boston Medical and Surgical Journal.

Dr. Hoch:

"A case of cerebrospinal meningitis successfully treated by intraspinal and intraventricular administration of antimeningitis serum," Boston Medical and Surgical Journal.

Dr. Abbot:

"The principles of diagnosis in psychiatry," American Journal of Insanity.

Dr. Whitney:

"A study of cases of manic-depressive psychosis arising after the age of forty," American Journal of Insanity.

Dr. Wells and H. A. Sturges:

"The pathology of choice reactions," American Journal of Insanity.

Dr. Wells:

Reviews: Pinter and Paterson, "A scale of performance tests," Journal of Philosophy, Psychology and Scientific Methods; MacCurdy, "War Neuroses," Military Surgeon.

Miss Jones:

"Emotional poise in war time," Public Libraries; "What a base hospital librarian should know. — Outline of a course of training," Library Journal.

The libraries have been maintained at a moderate cost. Two hundred and sixty-eight volumes were added to the general library for $217.96, and the total amount expended for both general and medical libraries, not including the librarian's salary, was $400.01. Twenty-two volumes were donated to the medical library by Dr. Wells, Dr. Otis, and Mr. Holmes, for which grateful acknowledgment is here made. An event of the year was the resignation of Miss E. Kathleen Jones, who had had charge of the libraries for nearly fifteen years. During this time they had largely increased in numbers and value under her skillful direction. On entrance of the United States into the war her services were in demand for the organizing of libraries for the soldiers. She finally resigned her position in the hospital and is now employed by the American Library Association in the organization and supervision of libraries in the Army and Navy hospitals of New England, a work for which she is eminently fitted.

The urgent need of a nurses' home for women has not yet been satisfied. Prior to the entrance of the United States into the war, it seemed certain that one would be built immediately, but the increased cost of

construction incident to the war and later government regulation of building operations forced a suspension of work after plans had been completed. Now that the war is over government restrictions are removed and some reduction in cost of materials and labor may be expected. In these circumstances it is hoped that enough may be added to the present fund so that the house can be built in the near future and a moderate sum be left to meet in part at least the cost of its administration.

The character of the work actually done by a hospital for mental diseases and its reputation in the eyes of the community which it serves depend so much on the standard of the nursing service that anything which will improve it is of sufficient importance to receive the most careful attention. The hospital has maintained a training school for nurses since 1882, which has graduated a large number of young men and women, many of whom have given the hospital efficient and acceptable service. Whatever the experience of other hospitals in this regard, it should be said that it always has been considered a most valuable adjunct by which the hospital has been able to better serve its patients and the public. Notwithstanding its recognition of the value of the trained nurse, the hospital has not yet furnished for them the accommodations such as are always provided in general hospitals and usually in hospitals for mental diseases where, because of the character of the work, they are so much more needed.

It is extremely desirable that good nurses be retained in the service after graduating from the school to take charge of wards and for other important duties; who would remain long enough to command the respect and confidence of patients and their friends and also of the assistant nurses whom they would instruct and direct in their duties. To this end it is again recommended that aside from an adequate com-

pensation of money small cottages at a nominal rent be furnished the married men nurses, who can thus have a normal home life. Six cottages are now needed.

For the first time since the training school was established it has been necessary to employ attendants, both men and women, under the stress of war conditions. The length of their service has been variable and as a rule short; its character also has been variable, but in some instances surprisingly good. The advanced years of some have brought a more mature judgment and a lessened frivolity which went far in compensation for lack of special knowledge of the work.

The hospital continued its modest contribution to war work up to the end of the year. Sixteen more men nurses enlisted directly from the hospital for the medical service of the government, and in addition to these fourteen other graduates were enrolled. Twenty-three women graduates also accepted service in Army and Navy hospitals. The patients, officers, nurses, and employees have continued to make various articles for the comfort of the soldiers, a large number of which have been sent to the Naval Auxiliary and to the Red Cross. This has been an important addition to the usual work in the handicraft rooms for women.

The gymnasium buildings constantly demonstrate their value as centers for diversion, occupation, and treatment. The rooms for hydrotherapeutic baths and Zander apparatus are in use all the morning, and those for handicrafts both morning and afternoon. Occupations this year for women have been chiefly weaving, knitting, basketry, and pottery, although there were many instances of individual preference leading to other kinds of work. The men have found useful occupation in making and repairing furniture, croquet mallets, wood baskets, waste-paper baskets, flower-stands, etc., as a rule preferring this sort of work to

weaving. Out-of-door games have been golf, tennis, and croquet, while six persons have cultivated gardens.

Three oils by Miss M. B. Titcomb were added by the artist to the loan collection of pictures. Nothing was received this year from the estate of Miss Sarah C. M. Lovering, but it is expected that there may be a contribution next year which, as in the past, will be used "to promote the comfort and happiness" of the patients. This bequest for several years has proved its great usefulness and has provided for the patients many comforts which they would not otherwise have had.

There have been more requests during the year for cottages for one patient than ever before. The advantages of such houses to the public and to the hospital have been mentioned in former annual reports. Many people desire for their relatives greater privacy than can ordinarily be obtained in a hospital because of the necessarily somewhat intimate association with other patients, who are perhaps sicker or otherwise uncongenial, and are glad to pay an additional sum for this privacy, securing at the same time the advantages of all the resources of the hospital. The number of patients ought not to be materially increased, for there should never be more than a medical superintendent can have personal knowledge of; but there is need of a larger income, and whatever profit might be derived from these cottages would be devoted to increasing the amount of charity that can be given in special cases and ultimately to insuring a lower average rate for all.

There are now three of these houses and plans are completed for a fourth, which will be built early next year. There are very desirable sites for three others beyond the Arlington House and it is strongly urged that they be built. Seven houses might not be occupied all of the time but it is a safe prediction that demand for them will increase when it is more gen-

erally known that such accommodations can be furnished.

A change has been made in the business administration which is now separated from that of the Massachusetts General Hospital. For fifteen years one administrator has conducted the business affairs of both hospitals, but the plan has not been entirely satisfactory so far as this hospital is concerned. Its business is not large enough to demand a separate administrative department, and there is a tendency in a separate administration to make of it a separate business, too little related to the interests and needs of the patients. A hospital should have no business except what is necessary for the proper care and treatment of its patients, and all its business activities should be coördinated to this end. Some departments are quite closely related to the care of the patients, especially the dispensary, the kitchens, the laundry, and the garage. Of the others the most remote appears to be the farm, but this is brought nearer when one considers the necessity for an ample supply of good milk and of fresh vegetables in their season.

An administrator who does not reside in the hospital, who can give it little personal attention, who acts through an assistant who also is a non resident, necessarily works at great disadvantage and cannot be expected to have such a knowledge of the patients and their needs as the superintendent easily acquires from intimate association with his assistants, the patients, and their relatives. The plan of administering the two hospitals together, while attractive in theory, has not proved in practice to be economical or efficient and is now discontinued. Mr. Frederick A. Foss was appointed Steward December 27 and will give his whole time to this hospital.

During the year little has been done in the way of furnishings and repairs, except what seemed to be absolutely necessary, because of the almost prohibi-

tive cost of materials and the scarcity of labor. There is beginning to be an urgent need for new furnishings in some of the houses.

The following changes in the hospital staff have occurred during the year:

Dr. Herbert R. Fiege, Junior Assistant Physician, was called to government service January 27. Dr. Arthur H. Cameron was a Junior Assistant Physician from May 27 to September 10, and Dr. Percy B. Davidson served in the same capacity from August 10 to September 20. Dr. Eli Charles Romberg, Junior Assistant Physician, came June 17. Mr. Charles W. Noyes, Apothecary, resigned July 1 to enlist in the United States Army, and was succeeded on that date by Mr. Vernon L. Strout. Mr. David H. Holmes, Instructor in Physical Training, resigned July 27 to enter government service as a Y. M. C. A. Secretary. Miss E. Kathleen Jones, Librarian, resigned August 31 and was succeeded November 21 by Miss Mildred W. Page. Mr. Harold E. Hales, Storekeeper, resigned March 29. Mr. Leroy L. Atherton served in his place from April 12 to June 30 and he in turn was succeeded by Mr. William C. Trowbridge, who came June 17. Dr. F. Lyman Wells, Assistant in Pathological Psychology, returned to the hospital December 11, on his release from the Signal Reserve Corps of the United States Army. Mr. Frederick A. Foss, Steward, entered the service December 28.

The following are some of the present needs of the hospital:

A house for the women nurses.

Houses for married men nurses.

A fund of $200,000 for research work in the laboratories.

An increase of the occupation fund to $25,000.

An increase of the fund for the art room to $10,000.

Cottages for the care of one patient.

A tennis court near the women's gymnasium.

A cold-storage room for the safekeeping of the patients' furs and clothing.

In closing, I wish to express my keen appreciation of the unvarying courtesy and helpfulness I have received from the Board of Trustees, and my thanks to all who have helped to carry on the work of the hospital under the unusually difficult conditions of the year.

GEORGE T. TUTTLE,
Medical Superintendent.

STATISTICAL TABLES

FOR THE YEAR ENDING SEPTEMBER 30, 1918

FORM 13

MOVEMENT OF INSANE PATIENT POPULATION FOR YEAR BEGINNING OCT. 1, 1917, AND ENDING SEPT. 30, 1918

	Insane			Other Classes						Total on Books		
				Sane Voluntary			Inebriate					
	M	F	T	M	F	T	M	F	T	M	F	T
1. Patients on books September 30, 1917	96	122	218	..	1	1	1	1	2	97	124	221
Admissions during year												
a. First admissions	30	34	64	1	2	3	....	1	1	31	37	68
b. Re-admissions	34	31	65	..	...	...	....	....	....	34	31	65
Total admissions	64	65	129	1	2	3	....	1	1	65	68	133
c. Transferred from other institutions	4	6	10	..	...	...	....	....	....	4	6	10
2. Total received during the year	68	71	139	1	2	3	....	1	1	69	74	143
3. Total under treatment during the year	164	193	357	1	3	4	1	2	3	166	198	364
Discharged from books during the year	52	58	110	1	1	2	1	1	2	54	60	114
a. As recovered	14	20	34	..	...	...	....	....	....	14	20	34
b. As improved	30	21	51	..	...	...	....	....	....	30	21	51
c. As unimproved	8	17	25	..	...	...	....	....	....	8	17	25
d. As not insane	.....	.....	.....	1	1	2	1	1	2	2	2	4
e. Transferred to other institutions	2	4	6	..	...	...	....	....	....	2	4	6
f. Died during the year	18	3	21	..	...	...	....	....	....	18	3	21
4. Total discharged from books during the year	72	65	137	1	1	2	1	1	2	74	67	141
5. Patients remaining on books of Inst. Sept. 30, 1917	92	128	220	..	2	2	....	1	1	92	131	223
6*a*. Average daily number pts. on books during the year	93.17	123.25	216.42	.16	1.04	1.20	.10	1.00	1.10	93.43	125.29	218.72
b. Avg. daily no. pts. actually in Inst. during year	86.47	119.35	205.82	.16	1.04	1.20	....	.66	.66	86.63	121.05	207.68
7. Avg. daily no. other insane pts. on books but away	6.70	3.90	10.60	..	...	...	.10	.34	.44	6.80	4.24	11.04
8. No. voluntary pts. admitted during the year	32	38	70	1	2	3	....	....	....	33	40	73
9. No. temporary care cases admitted during the year	10	11	21	..	...	...	....	1	1	10	12	22
10. No. pts. actually remaining in Inst. Sept. 30, 1918	86	121	207	..	2	2	....	....	....	86	123	209
11. Number of different persons within the year	158	190	348	1	3	4	1	2	3	160	195	355
12. No. of different persons admitted from community	67	67	134	1	2	3	....	1	1	68	70	138
13. No. different persons dismissed to community	50	56	106	1	1	2	1	1	2	52	58	110
14. Number non-insane patients at end of the year	.....	.....	.....	..	...	...	....	....	....	.....	3	3
a. Inebriates	.....	.....	.....	..	...	...	....	1	1	.....	1	1
b. All other cases	.....	.....	.....	..	2	2	....	....	....	.....	2	2

Form 4

NATIVITY OF FIRST ADMISSIONS AND OF PARENTS OF FIRST ADMISSIONS

YEAR ENDING SEPTEMBER 30, 1918

Nativity	Insane								
	Patients			Parents of male patients			Parents of female patients		
	M	F	T	M	F	T	M	F	T
United States	25	30	55	15	15	30	20	21	41
Total native born	25	30	55	15	15	30	20	21	41
Canada	3	2	5	1	1	2	4	4	8
Denmark	..	..	..	1	..	1	..	..	..
England	..	1	1	..	2	2	2	2	4
Germany	..	..	..	3	2	5	1	1	2
Greece	..	1	1	..	..	..	1	1	2
Holland	..	..	..	1	..	1	..	..	..
Hungary	..	..	..	..	..	..	1	..	1
Ireland	..	..	..	3	4	7	2	3	5
Russia	2	..	2	2	2	4	..	..	..
Scotland	..	..	..	1	1	2	1	1	2
West Indies	..	..	..	..	1	1	..	..	..
Total foreign born	5	4	9	12	13	25	12	12	24
Unascertained	..	..	..	3	2	5	2	1	3
Grand total	30	34	64	30	30	60	34	34	68

Form 5

CITIZENSHIP OF FIRST ADMISSIONS

	Insane		
	M	F	T
Citizens by birth	25	29	54
Citizens by naturalization	2	1	3
Aliens	1	2	3
Citizenship unascertained	2	2	4
Total	30	34	64

Form 6

PSYCHOSES OF FIRST ADMISSIONS

Psychoses	Insane		
	M	F	T
Traumatic	1		1
With cerebral arteriosclerosis	4	3	7
General paralysis	6	1	7
With cerebral syphilis		1	1
Alcoholic, Total	2		2
Acute hallucinosis	2		2
Due to drugs and other exogenous toxins, Total		1	1
Combined drugs		1	1
Psychoses with other somatic diseases, Total		1	1
Delirium of unknown origin		1	1
Manic depressive, Total	13	21	34
Manic type	2	6	8
Depressive type	11	14	25
Mixed type		1	1
Dementia praecox, Total	2		2
Paranoid type	1		1
Hebephrenic type	1		1
Psychoneuroses, Total		1	1
Psychasthenic type		1	1
Paranoid condition		1	1
Undiagnosed	2	4	6
Grand Total	30	34	64

Form 7

RACE OF FIRST ADMISSIONS CLASSIFIED WITH REFERENCE TO PRINCIPAL PSYCHOSES

| Race | Insane | | |

Form 8

AGE OF FIRST ADMISSIONS CLASSIFIED WITH REFERENCE TO PRINCIPAL PSYCHOSES

| Psychoses | Insane | | |

Form 9

DEGREE OF EDUCATION OF FIRST ADMISSIONS CLASSIFIED WITH REFERENCE TO PRINCIPAL PSYCHOSES

Psychoses	Insane											
	Total			Common School			High School			College		
	M	F	T	M	F	T	M	F	T	M	F	T
Traumatic	1	..	1	1	..	1	..	..	..	..	..	..
With cerebral arteriosclerosis	4	3	7	2	2	4	2	1	3	..	..	..
General paralysis	6	1	7	2	..	2	4	1	5	..	..	..
With cerebral syphilis	..	1	1	..	1	1	..	..	..	..	..	..
Alcoholic	2	..	2	..	..	..	1	..	1	1	..	1
Due to drugs	..	1	1	..	..	..	..	..	..	..	1	1
With somatic disease	..	1	1	..	..	..	..	..	..	..	1	1
Manic depressive	13	21	34	3	7	10	7	8	15	3	6	9
Dementia praecox	2	..	2	1	..	1	1	..	1	..	..	..
Psychoneurosis	..	1	1	..	1	1	..	..	..	..	..	..
Paranoid condition	..	1	1	..	..	..	..	1	1	..	..	..
Undiagnosed	2	4	6	1	3	4	1	..	1	..	1	1
Total	30	34	64	10	14	24	16	11	27	4	9	13

Form 10

ENVIRONMENT OF FIRST ADMISSIONS CLASSIFIED WITH REFERENCE TO PRINCIPAL PSYCHOSES

Psychoses	Insane								
	Total			Urban			Rural		
	M	F	T	M	F	T	M	F	T
Traumatic	1	..	1	1	..	1	..	..	..
With cerebral arteriosclerosis	4	3	7	4	3	7	..	..	..
General paralysis	6	1	7	6	1	7	..	..	..
With cerebral syphilis	..	1	1	..	..	..	..	1	1
Alcoholic	2	..	2	2	..	2	..	..	..
Due to drugs	..	1	1	..	1	1	..	..	..
With somatic disease	..	1	1	..	1	1	..	..	..
Manic depressive	13	21	34	11	16	27	2	5	7
Dementia praecox	2	..	2	2	..	2	..	..	..
Psychoneurosis	..	1	1	..	1	1	..	..	..
Paranoid condition	..	1	1	..	1	1	..	..	..
Undiagnosed	2	4	6	2	2	4	..	2	2
Total	30	34	64	28	26	54	2	8	10

Form 11

ECONOMIC CONDITION OF FIRST ADMISSIONS CLASSIFIED WITH REFERENCE TO PRINCIPAL PSYCHOSES

Psychoses	Insane					
	Total			Comfortable		
	M	F	T	M	F	T
Traumatic	1	..	1	1	..	1
With cerebral arteriosclerosis	4	3	7	4	3	7
General paralysis	6	1	7	6	1	7
With cerebral syphilis	..	1	1	..	1	1
Alcoholic	2	..	2	2	..	2
Due to drugs	..	1	1	..	1	1
With somatic disease	..	1	1	..	1	1
Manic depressive	13	21	34	13	21	34
Dementia praecox	2	..	2	2	..	2
Psychoneurosis	..	1	1	..	1	1
Paranoid condition	..	1	1	..	1	1
Undiagnosed	2	4	6	2	4	6
Total	30	34	64	30	34	64

Form 12

USE OF ALCOHOL BY FIRST ADMISSIONS CLASSIFIED WITH REFERENCE TO PRINCIPAL PSYCHOSES

Psychoses	Insane											
	Total			Abstinent			Temperate			Intemperate		
	M	F	T	M	F	T	M	F	T	M	F	T
Traumatic	1	..	1	1	..	1	..	..	..	..	..	..
With cerebral arteriosclerosis	4	3	7	3	3	6	1	..	1	..	..	..
General paralysis	6	1	7	2	1	3	2	..	2	2	..	2
With cerebral syphilis	..	1	1	..	1	1	..	..	..	..	..	..
Alcoholic	2	..	2	..	..	..	..	..	..	2	..	2
Due to drugs	..	1	1	..	..	..	..	..	..	..	1	1
With somatic disease	..	1	1	..	1	1	..	..	..	..	..	..
Manic depressive	13	21	34	8	20	28	5	1	6	..	..	..
Dementia praecox	2	..	2	1	..	1	1	..	1	..	..	..
Psychoneurosis	..	1	1	..	1	1	..	..	..	..	..	..
Paranoid condition	..	1	1	..	1	1	..	..	..	..	..	..
Undiagnosed	2	4	6	2	4	6	..	..	..	..	..	..
Total	30	34	64	17	32	49	9	1	10	4	1	5

Form 13

MARITAL CONDITION OF FIRST ADMISSIONS CLASSIFIED WITH REFERENCE TO PRINCIPAL PSYCHOSES

Psychoses	Insane											
	Total			Single			Married			Widowed		
	M	F	T	M	F	T	M	F	T	M	F	T
Traumatic	1	..	1	..	..	..	1	..	1	..	..	..
With cerebral arteriosclerosis	4	3	7	..	1	1	2	..	2	2	2	4
General paralysis	6	1	7	2	..	2	4	1	5	..	..	..
With cerebral syphilis	..	1	1	..	..	..	..	1	1	..	..	..
Alcoholic	2	..	2	2	..	2	..	..	..	..	..	..
Due to drugs	..	1	1	..	..	..	..	..	..	..	1	1
With somatic disease	..	1	1	..	..	..	..	1	1	..	..	..
Manic depressive	13	21	34	3	12	15	9	9	18	1	..	1
Dementia praecox	2	..	2	1	..	1	1	..	1	..	..	..
Psychoneurosis	..	1	1	..	1	1	..	..	..	..	..	..
Paranoid condition	..	1	1	..	1	1	..	..	..	..	..	..
Undiagnosed	2	4	6	1	2	3	1	2	3	..	..	..
Total	30	34	64	9	17	26	18	14	32	3	3	6

Form 14

PSYCHOSES OF READMISSIONS

Psychoses	Insane		
	M	F	T
With cerebral arteriosclerosis		1	1
General paralysis	8	1	9
Alcoholic, Total		1	1
Acute hallucinosis		1	1
Due to drugs and other exogenous toxins, Total	1		1
Bromides + alcohol	1		1
Manic depressive, Total	21	25	46
Manic type	8	8	16
Depressive type	13	17	30
Involution melancholia	1	1	2
Dementia praecox, Total	1	2	3
Paranoid type	1	2	3
Paranoid condition	1		1
With constitutional psychopathic inferiority	3		3
Undiagnosed	2	6	8
Grand Total	38	37	75

Form 15

DISCHARGES OF PATIENTS, EXCLUSIVE OF DEATHS, CLASSIFIED WITH REFERENCE TO PRINCIPAL PSYCHOSES AND CONDITION ON DISCHARGE

Psychoses	Total			Recovered			Improved			Unimproved		
	M	F	T	M	F	T	M	F	T	M	F	T
With cerebral arteriosclerosis	2	1	3	..	..	..	1	1	2	1	..	1
General paralysis	5	..	5	..	..	..	3	..	3	2	..	2
Alcoholic	3	1	4	2	1	3	1	..	1	..	..	..
Due to drugs	1	..	1	1	..	1	..	..	..	..	..	..
With other somatic disease	..	1	1	..	1	1	..	..	..	..	..	..
Manic depressive	28	43	71	11	17	28	15	16	31	2	10	12
Involution melancholia	1	..	1	..	..	..	1	..	1	..	..	..
Dementia praecox	6	4	10	..	..	..	5	1	6	1	3	4
Paranoid condition	1	..	1	..	..	..	..	..	..	1	..	1
Psychoneurosis	..	1	1	..	..	..	..	..	..	..	1	1
Constitutional psychopathic inferiority	2	..	2	..	..	..	2	..	2	..	..	..
Undiagnosed	3	7	10	..	1	1	2	3	5	1	3	4
Total	52	58	110	14	20	34	30	21	51	8	17	25

Form 16

CAUSES OF DEATH OF PATIENTS CLASSIFIED WITH REFERENCE TO PRINCIPAL PSYCHOSES

Cause of Death	Total			With cerebral arteriosclerosis			General paralysis			Manic depressive			Dementia praecox			Undiagnosed		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Arteriosclerosis, general	4	1	5	1	..	1	..	..	..	3	1	4	..	..	..	..	..	..
Cardio renal disease	..	1	1	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..
Chronic mitral regurgitation	2	..	2	..	..	..	..	..	..	1	..	1	1	..	1	..	..	..
Carcinoma, gall-bladder	1	..	1	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..
Erysipelas	2	..	2	1	..	1	..	..	..	..	..	..	1	..	1	..	..	..
Gastritis, acute	..	1	1	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..
General paralysis	6	..	6	..	..	..	6	..	6	..	..	..	..	..	..	..	..	..
Peritonitis, perforation of gastric ulcer	1	..	1	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..
Pneumonia	2	..	2	1	..	1	..	..	..	..	..	..	..	..	..	1	..	1
Total	18	3	21	3	..	3	6	..	6	4	3	7	4	..	4	1	..	1

Form 17

AGE OF PATIENTS AT TIME OF DEATH CLASSIFIED WITH REFERENCE TO PRINCIPAL PSYCHOSES

Psychoses	Total			35–40 years			40–45 years			45–50 years			50–55 years			55–60 years			60–65 years			65–70 years			70–75 years			75–80 years			80–85 years		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
With cerebral arteriosclerosis	3	..	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	2	..	2
General paralysis	6	..	6	..	..	..	1	..	1	3	..	3	1	..	1	..	..	..	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..
Manic depressive	4	3	7	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	2	1	..	1	..	1	1	..	1	1	1	1	2
Dementia praecox	4	..	4	..	..	..	1	..	1	1	..	1	..	..	..	..	..	..	2	..	2	..	..	..	..	..	..	..	..	..	..	..	..
Undiagnosed	1	..	1	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total	18	3	21	1	..	1	2	..	2	4	..	4	1	..	1	..	..	..	5	..	5	1	..	1	1	1	2	..	1	1	3	1	4

Form 18

TOTAL DURATION OF HOSPITAL LIFE OF PATIENTS DYING IN HOSPITAL CLASSIFIED ACCORDING TO PRINCIPAL PSYCHOSES

Psychoses	Total			Less than 1 month			1–3 months			4–7 months			8–12 months			1–2 years			3–4 years			5–10 years			10–15 years			15–20 years			20–30 years			30–40 years		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
With cerebral arteriosclerosis	3	..	3	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	2	..	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
General paralysis	6	..	6	3	..	3	..	..	..	1	..	1	..	..	..	..	..	..	2	..	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Manic depressive	4	3	7	..	..	..	..	..	..	1	..	1	..	..	..	2	..	2	..	1	1	..	..	..	1	..	1	1	..	1	1	..	1	..	..	..
Dementia praecox	4	..	4	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	1	..	1	..	..	..	2	..	2
Undiagnosed	1	..	1	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total	18	3	21	5	..	5	..	..	..	2	..	2	..	..	..	2	..	2	4	1	5	1	..	1	1	..	1	1	1	2	..	1	1	2	..	2

Form 19

TABLE OF ADMISSIONS, DISCHARGES AND RESULTS FOR TEN YEARS

	Admitted	Discharged	Whole number under care	Died	Much improved	Recovered	Remaining at end of the year	Average number of patients
Ending Sept. 30, 1909 . .	165	156	389	32	54	28	219	216
" " 30, 1910 . .	169	165	388	16	56	37	217	223
" " 30, 1911 . .	182	182	399	23	63	44	217	220
" " 30, 1912 . .	172	165	389	14	58	40	221	221
" " 30, 1913 . .	154	167	375	17	60	45	218	221
" " 30, 1914 . .	117	133	335	16	35	44	207	217
" " 30, 1915 . .	122	114	336	15	37	30	211	209
" " 30, 1916 . .	138	134	360	21	39	39	212	209
" " 30, 1917 . .	134	139	360	17	16	16	210	210
" " 30, 1918 . .	143	141	364	21	17	34	223	219

Total number of admissions from the year 1818 — 11,401

THIRTY-SIXTH ANNUAL REPORT OF THE McLEAN HOSPITAL TRAINING SCHOOL FOR NURSES

The Training School for Nurses, with the completion of the thirty-seven years of its existence, has a roll of graduates including 903 names — 584 women and 319 men. In the following summary it is shown how many remain in the work of nursing, and into what positions in life others have gone.

	Men	Women
Number of graduates in thirty-three years	319	584
Graduates remaining in the service as nurses	11	22
Graduates remaining in the service as officers	1	5
Pupils in Massachusetts General Hospital Training School		7
Superintendents of hospitals	4	5
Superintendents of nurses, other hospitals		5
Employed in other institutions	11	32
Engaged in private nursing	64	141
Instructor of nurses		3
Instructor of handicraft	1	
District nurses		1
Social workers		4
Office nurse		1
Public Health nurses		5
Anesthetists		1
Students	5	
Physicians	46	4
Chiropodist	1	
Dentists	10	
Lawyers	3	
Clergyman	1	
Principal of high school	1	
In other business	69	3
At home	5	42
Married and left the profession		214
Deceased	24	42

Pupils now in this school	11	35
Military service	53	42
Unknown	9	5

It will be seen from this table that of the 542 women graduates of the school who are now living 273 are still in the profession of nursing; and that of the 295 men graduates who are now alive 118 are still nurses, counting 29 of those in military service. Fifty-seven of the men graduates have become physicians; of these 2 are superintendents of hospitals, 7 are members of the Medical Officers' Reserve Corps of the United States Army, 46 are in private practice and 2 have died. Five women are physicians; of these 1 is married and has left the profession, 4 are in private practice. One hundred and thirty-one graduates or pupils of the school have been or are now enlisted in the service of the United States or of the Entente Allies.

The following is a list of the names of men and women, graduates or pupils of the school, who have entered government service during this second year of the war. The rank and kind of service is given when known.

Men Nurses Who Have Entered Military Service Directly from the Hospital During 1918

Lawrence W. Adams, 306th Infantry, A. E. F.
William C. Allott, Base Hospital, Camp Meade, Md.
Percy A. Brooke (1916), Sergt., Canadian Engineers. Discharged.
R. A. J. Chisholm (1910), Camp Library, Camp Meade, Md.
Harold J. Cox (1918), 1st Class Hospital Apprentice, N. R., Bumpkin Island, Boston, Mass.
Edward L. Doherty, Medical Corps, A. E. F.
James A. Donoghue, Corp., Camp Infirmary No. 1, A. E. F.
Joseph P. Healy (1918), Base Hospital No. 121, A. E. F.
William A. Hermann, Air Service.
Linwood L. Macomber, Base Hospital No. 44, A. E. F.
David H. Morin, Jr., Medical Corps, Fort Meredith. Discharged.
Harold V. Scollin (1918), Walter Reed General Hospital, Washington, D. C.
Edwin H. Smith, Canadian Engineers. Discharged.

Vincent H. Swanick (1918), Sanitary School, Washington, D. C.
William H. Tribou (1918), S. A. T. C., University of Maine. Discharged.
Arthur Vincent, Camp Devens. Discharged.

Graduate Men Nurses Who Have Entered Military Service During 1918

Shirley T. Babcock (1916), Medical Corps, A. E. F.
Karl C. Bridge (1914), Medical Detachment, 336th F. A., A. E. F.
Thomas J. Carroll (1918), Italy.
Joseph A. Fagan (1917), Evacuation Hospital, A. E. F.
Jacob Goldstein (1914), Medical Corps, A. E. F.
Frederick H. Gorham (1918), Canadian Transport Service.
John H. Hall (1902), Medical Corps, A. E. F.
Hugh Hayford (1911), 42d Infantry, Camp Upton, N. Y.
Thomas F. McAleer (1917), Ambulance Co. No. 28, 4th Sanitary Train, A. E. F.
Norman M. Macneill (1907), Capt., C. A. M. C.
Joseph E. Neil (1914), 1st class Hospital Apprentice, N. R., Panama.
Everett E. Pitts (1906), Medical Department, N. R., France.
Thade A. Quinn (1915).
Harry B. Sherman (1917), Corp., 83d Infantry, Camp Beauregard, La.

Graduate Women Nurses Who Have Entered Military Service During 1918

Elvira K. Bailey (1898), Base Hospital No. 117, A. E. F.
Anna M. Bergstrom (1915), Base Hospital Unit No. 55, A. E. F.
Theresa P. Carlson (1915), Camp Chambles, Ga. Discharged.
Jeanette Christison (1903), Evacuation Hospital No. 3, A. E. F.
Lucy K. Corthell (1912), U. S. A. Hospital No. 10, Parker Hill, Boston.
Eliza A. Emery (1914), A. E. F.
Gladys L. Farrar (1909), Base Hospital Unit No. 55, A. E. F.
Anna Herd, U. S. A. Hospital No. 1, Williamsbridge, N. Y.
Edith P. Jordan (1913), Unit No. 1, Psychiatric, A. E. F.
Grace I. Linscott (1903).
Inez Logan (1916), General Hospital No. 11, New Jersey.
Alice E. Macdonald (1910).
Margaret MacLellan (1915), Base Hospital No. 65, A. E. F.
Margaret S. P. MacLeod (1909), Sacketts Harbor, N. Y.
Katherine A. MacPhee (1917), Unit No. 1, Psychiatric, A. E. F.

Sadie A. Metzler (1914), Base Hospital Unit No. 55, A. E. F.
Pansy E. Moffatt (1907), Base Hospital Unit No. 55, A. E. F.
Alice A. Pelton (1896), U. S. A. Hospital No. 1, Williamsbridge, N. Y.
Martha E. Perkins (1913), Evacuation Hospital No. 2, A. E. F.
Jeanette Reid (1914), Unit No. 68, A. E. F.
Mary M. Strachan (1913), U. S. A. Hospital No. 10, Parker Hill, Boston.
Katharine S. Ward (1914), Jefferson Unit, A. E. F.
Nellie J. Ward (1914), died July 12, 1918; buried with military honors.

Abbreviations: A. E. F., American Expeditionary Force; C. A. M. C., Canadian Army Medical Corps; N. R., Naval Reserve; S. A. T. C., Student Army Training Corps.

Nurses can justly look with satisfaction and pride on their work in the war which now is happily ended. Never before have the sick and wounded soldiers received such skillful care and treatment, and it was rendered possible only by the nursing staff. Throughout the last two years there has been an urgent demand for nurses for military service and the profession has nobly responded to the call.

The enlistment of so many of the men in addition to those who went last year added very materially to the difficulty of maintaining a nursing service adequate to the needs of the hospital, and for several weeks in September and October the strain was greatly increased by the epidemic of influenza which expended its force chiefly on the nursing staff. Thirty-six were ill, some very seriously, and it is with keen regret that record is here made of the death at the hospital of two from pneumonia, — Mr. William A. Shea, a pupil of the class of 1919, and Miss S. Eva Stanley, a graduate of the class of 1915. To the roll of honor should also be added the name of Miss Nellie J. Ward, class of 1914, a member of the Jefferson Unit, who also died of pneumonia in France. They died in the faithful performance of duty.

For the first time since the school was established

it has been necessary to employ attendants, both men and women, some of mature years, in order that the hospital might have a sufficient number of persons to care for its patients.

A change was made in the length of the course of instruction for women from two to three years, beginning October 1. This was made possible by affiliations with the Massachusetts General Hospital Training School for Nurses in Boston, and with the New York Nursery and Child's Hospital, in New York City. At some time during the second year of study the pupil will be sent to the Massachusetts General Hospital for a period of six months for instruction and experience in general medical and surgical nursing, and after this to New York for an additional six months for obstetrics and the nursing of children.

The length of the course of instruction for men will continue to be two years.

During the year one man was admitted from the Mills Training School of the Bellevue Hospital for a post-graduate course of one year. Thirteen women from the Massachusetts General Hospital Training School and six from that of the Cooley-Dickinson Hospital were received for a special course of three months. In addition to these, seven from the school of the Cambridge Hospital attended a course of lectures on mental diseases.

All graduates are requested to communicate with the superintendent of nurses yearly during the month of December, giving correct addresses for the annual report.

GEORGE T. TUTTLE,
Medical Superintendent

McLEAN HOSPITAL TRAINING SCHOOL FOR NURSES, WAVERLEY, MASS.

1882–1918

The Trustees of the Massachusetts General Hospital Corporation established a school for the instruction of nurses at the McLean Hospital in 1882. It gives to men and women desirous of becoming professional nurses a course of training in general nursing, with special reference to the care of cases of nervous and mental disease. The school is conducted by the Superintendent of the Hospital under the authority of the Board of Trustees.

Those wishing to receive such a course of instruction should write to the Superintendent of the McLean Hospital, Waverley, Mass., giving a brief personal history, and also the names and addresses of three responsible persons, not of their own kin, who know of their character and capabilities. If on receipt of this letter it is thought advisable for such prospective candidates to make a formal application, blank forms especially provided for this purpose will be sent to them.

Candidates must be in sound health, and must send with their application a certificate from a physician certifying to the fact. They should preferably have had at least one year of a high school education or its equivalent, and should be not less than twenty nor more than thirty-five years of age.

On furnishing satisfactory evidence of their probable fitness they will be received for two months on probation. If accepted at the expiration of this time they

will sign an agreement to complete the prescribed course. At the end of the first six months the record of each pupil is again carefully scrutinized and the right is reserved to terminate then, or at any other time, the connection of any pupil or nurse with the school and hospital for inefficiency, misconduct, generally unsatisfactory record, or for any other reason which may be deemed sufficient.

The pupils reside in the hospital and are employed as assistant nurses in its wards. Men probationers while on duty will wear ordinary plain clothing. The women wear the uniform prescribed for probationers. After formally joining the school, at the end of the period of probation, both men and women are required to wear the hospital uniform while on duty in the wards.

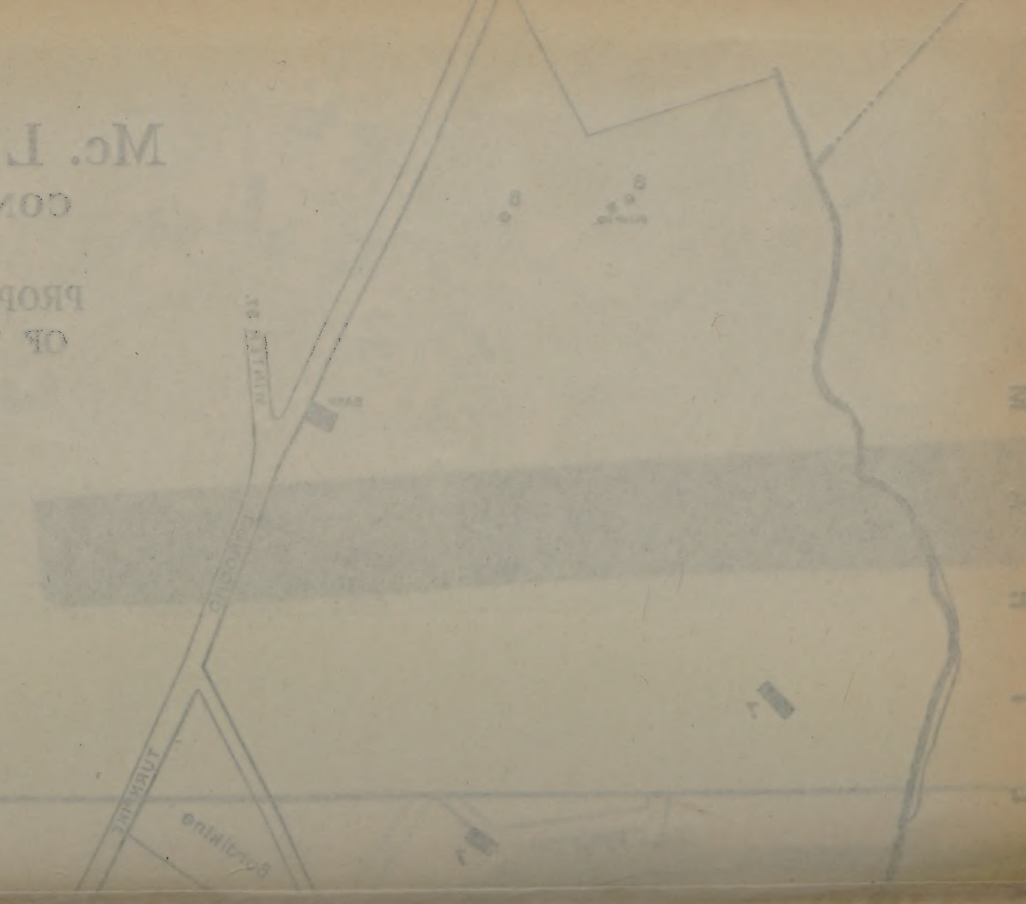
As compensation for their services, both men and women receive board, lodging, and laundry, instruction in nursing, and a certain amount of money, which for the women is only sufficient to purchase books and uniforms and to defray other absolutely necessary incidental expenses. The men, who for the present do not receive the preliminary instruction given to the women, and whose course of study is shorter, are paid thirty dollars ($30) per month during the first year and thirty-five dollars ($35) per month for the second year. The women receive fifteen dollars ($15) per month throughout the course. Most graduates engage in private nursing or accept positions of trust in other institutions. Some are invited to remain in the service of this hospital, and to such, especially to those who serve as head nurses, there is a material increase in compensation. All graduates of this school, who are also graduates of the Massachusetts General Hospital Training School for Nurses in Boston, are paid forty-five dollars ($45) per month.

All pupils and nurses are allowed one afternoon, a part of Sunday, and two or three evenings off duty

GROUNDS OF
Mc. LEAN HOSPITAL
CONVALESCENT HOSPITAL
— AND —
PROPOSED COUNTRY BRANCH
OF THE GENERAL HOSPITAL
Area 317.8± Acres
A Pierce Building
B Upham Memorial for Men
C Belknap House " "
D Proctor House " "
E Bowditch House " "
F Gymnasium " "
G Belknap House for Women
H Appleton House " "
I East House " "
J Wyman House " "
K Codman House " "
L Gymnasium " "
M Hope Cottage
N Cottage for one Patient
N' Arlington House
O The Samuel Eliot Memorial Chapel
P Entertainment Hall, Kitchen and Laboratory
Q Superintendent
R Assistant Physician
S Cottage
1 Pumping, Heating and Electric Station
2 Stables
3 Gate Lodges
4 Farm House and Stable
5 Green Houses
6 Cow Barns
7 Piggeries
8 Springs
9 Coal Pockets
10 New Farm Stable
11 Milk House
WALTHAM
WINTER ST.
CONCORD TURNPIKE
Burdikine
Beaver Brook
Site of the Proposed Country Branch of the General Hospital
MILL STREET
MASS. GEN. HOSPITAL CONVALESCENT HOSPITAL
TRAPELO ROAD
PLEASANT STREET
CENTRAL MASS. DIV. B. & M. R. R.
FITCHBURG DIV. B. & M. R. R.
STATION
WAVERLEY STATION
7 MILES FR. BOSTON
SCALE OF FEET
100 0 200 400 600 800 1000

GROUNDS OF
Mc. LEAN HOSPITAL
CONVALESCENT HOSPITAL
— AND —
PROPOSED COUNTRY BRANCH
OF THE GENERAL HOSPITAL

Area 317.8± Acres



each week. They are also given a two weeks' vacation in each year; and no deduction of time is made for sickness unless it exceeds two weeks in any given year.

On completion of the full term of study nurses who have passed all the required examinations receive diplomas certifying to their period of training, their proficiency, and their good character.

Women graduates of this school who wish to have additional practical experience and instruction in general nursing have the privilege, under certain restrictions, of reëntering the Training School for Nurses at the Massachusetts General Hospital in Boston. Such graduates will, after ten months' satisfactory study, receive the diploma from that school, in addition to the diploma received from the McLean Hospital Training School.

COURSE OF INSTRUCTION

Instruction is given for eight months of the year, from October 1 to June 1. It is no disadvantage to enter the school between May and October, since the pupil will get some practical knowledge of the care of patients before taking up the required study.

The course for men differs from that for women. The latter receive less money and are allowed more time for study.

A preliminary course of two months is given to the women, and during this time the pupil is given no more work on the wards than is necessary to put in practice the instruction received. This occupies about two hours daily. Most of the time is devoted to lectures, recitations, demonstrations, and laboratory work. Instruction to both men and women, chiefly by the officers of the hospital, includes courses in anatomy, physiology, hygiene, bacteriology, drugs and materia medica, urinalysis, hydrotherapy, massage, housekeeping, dietetics and cookery, general medical and surgical nursing, obstetrical nursing (to women), and especially

nursing of cases of nervous and mental diseases. Affiliations have been made with the Massachusetts General Hospital Training School for Nurses, in Boston, and with the New York Nursery and Child's Hospital, in New York City. At some time during the second year of study the women pupils will be sent to the Massachusetts General Hospital for a period of six months for instruction and experience in general medical and surgical nursing, and after this to New York for an additional six months for obstetrics and the nursing of children. There are written examinations in the middle and at the end of each school year, and pupils must attain on critical marking at least 60 per cent.

Anatomy. Recitations from a text-book on anatomy and physiology are required, and a course of lectures is given on applied anatomy, in which the general plan is to describe the anatomy of the various physiological systems, to refer briefly to their origin and use, to explain the different injuries and diseases to which they are liable, and to describe the treatment and nursing care of these morbid conditions. There is an articulated and a disarticulated skeleton which the pupils can use for study. It is intended that each one shall see a post-mortem examination.

Physiology. In addition to recitations from a text-book, lectures are given on the blood, heart, circulation, vaso-motor system, digestion (mechanical and chemical), absorption, secretion, respiration, animal heat, movement, nervous system, and special senses.

Hygiene. Recitations from a text-book are required, and a course of lectures is given which includes a consideration of water, food, air, ventilation, heating, lighting, sewerage, disinfectants and disinfection, and personal hygiene.

Bacteriology. A text-book is used for recitations, and a course of lectures is given on benign and pathogenic bacteria, methods of cultivation and examination,

the relation of pathogenic germs to various medical and surgical diseases, with a consideration of some of the more common of these diseases.

Drugs and Materia Medica. Instruction is given in the dispensary by lectures, demonstrations, and practical work. The pupils are taught to use the prescription balance and the various measures, and are given practice in weighing and folding powders, the different methods of measuring drops, etc. They are taught to make weight-to-volume solutions of various strengths, also percentage solutions such as are used in the operating room or for purposes of disinfection.

Instruction is also given in elementary chemistry and botany, on the drugs in ordinary use, poisons and their antidotes. The course is made a laboratory exercise so far as is possible.

Urinalysis. There are brief lectures on normal and abnormal urines and the diseases in which they occur. These are followed by demonstrations of methods of analysis, and the nurse is taught by actual practice to make different tests. It is principally a laboratory exercise.

Physical Therapeutics. Lectures and demonstrations are given on the various hydrotherapeutic procedures and their effects. The pupils are also given instruction in general massage, the use of apparatus in the gymnasium, and games. They are also taught the use of the Zander apparatus and of electricity. During the two years' course of instruction the nurse has frequent opportunity for the practical application of the knowledge gained in the treatment of patients.

Housekeeping. Instruction is given by the assistant superintendent of nurses, the supervisor, and the head nurses, and consists chiefly in actual demonstrations and practice on the wards of general household duties and of such special duties as are required for the proper care of the patients.

Dietetics and Cookery. Twenty-four exercises of

three hours each are given the women each morning for one month, during which a lecture of one hour is followed by two hours of practical work. The men receive twelve exercises of two hours each. The instruction includes a consideration of the purchase of food, utensils, kitchen and dining-room furnishings, dietetics and general cookery, with special reference to the preparation and serving of food for the sick and the convalescent.

During the course meals are prepared and served by the pupils, to illustrate the laying of trays and tables and the duties of the hostess and waitress.

After sufficient practice in the care of the kitchen and dining-room the pupils are taken to the wards to apply their knowledge, and throughout the remainder of their service in the hospital they assist in serving food to the patients, under the supervision of the instructor.

Nursing. The theory of general nursing is taught by text-books, lectures, and demonstrations, and a practical application of the instruction is made so far as the facilities of the hospital will allow. Much of the ordinary routine work of a nurse is the same for patients treated here as for those in a general hospital, while in the matter of bathing, changing bed and personal clothing, serving food, giving enemata, etc., it is often much more difficult. Practice in general medical and surgical nursing is obtained at the Massachusetts General Hospital for six months during the second year of the course.

The lectures on nursing given during the third year include a description of various diseases, a consideration of methods of prevention, the various remedial measures employed in the treatment of these diseases, and their nursing care.

A special course in obstetrical nursing and in diseases of children is given at the New York Nursery and Child's Hospital in New York City, to which

women pupils of the school are sent for six months in the second or third year. The nursing of cases of nervous and mental diseases is taught by recitations, lectures, demonstrations in the wards by the superintendent of nurses, supervisors, and head nurses, and actual practice in the care of the patients of the hospital. Besides this, written reports of individual cases are required and nurses are taught to observe and make daily notes of cases under their care.

Previous to the consideration of insanity, a brief description of the normal mind is given in eight lectures. In order to make it as practical as possible, patients are assigned to each nurse to observe and to report upon verbally as to the condition of the various mental states or faculties while they are under discussion. Lectures are given on the causation, symptoms, treatment, and nursing care of the different forms of mental disease, with special attention to the duties of the nurse.

To better fit the nurses for special work and for the care of convalescents, courses are given in handicrafts.

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May and November.

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1920

January.

MESSRS. FOSTER and TUTTLE.

February.

MESSRS. GREENOUGH and ENDICOTT.

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†Temporary appointment.

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†Temporary appointment.

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JOHN M. LITTLE, JR., M.D. †ROBERT H. VOSE, M.D.
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FRANK W. MARVIN, M.D. †SEABURY W. ALLEN, M.D.
†ARTHUR N. BROUGHTON, M.D.

†Temporary appointment.

Assistant Genito-Urinary Surgeon to Out-Patients.

E. Granville Crabtree, M.D.

Assistants.

Lewis P. Felch, M.D. Walter J. LaMarche, M.D.
Oscar R. T. L'Esperance, M.D. Samuel C. Mintz, M.D.

House Surgeons.

Thomas R. Goethals, M.D.

House Surgeon to Genito-Urinary Department.

Russel H. Patterson, M.D.

DERMATOLOGICAL DEPARTMENT

Dermatologists.

Charles J. White, M.D. Harvey P. Towle, M.D.

Associate Dermatologist.

Frederick S. Burns, M.D

Assistant Dermatologists.

E. Lawrence Oliver, M.D. J. Harper Blaisdell, M.D.
John H. Bufford, M.D. Loretta Joy Cummins, M.D.

NEUROLOGICAL DEPARTMENT

Chief of Service.

Edward W. Taylor, M.D.

Neurologists.

Walter E. Paul, M.D. James B. Ayer, M.D.

Assistant Neurologists.

George Clymer, M.D. Sidney A. Lord, M.D.
Charles A. McDonald, M.D.

Assistants.

Frederic B. M. Cady, M.D. Edwin L. Drowne, M.D.
Harold B. Eaton, M.D. Hale Powers, M.D.

Psychologist.

L. Eugene Emerson, Ph.D.

LARYNGOLOGICAL DEPARTMENT

Chief of Service.

Algernon Coolidge, M.D.

Laryngologists.

Harris P. Mosher, M.D. D. Crosby Greene, Jr., M.D.
†J. Payson Clark, M.D.

Assistant Laryngologists.

William F. Knowles, M.D. John L. Lougee, M.D.
Harry A. Barnes, M.D. D. Campbell Smyth, M.D.
Frederick E. Garland, M.D. †Chandler Robbins, M.D.
†George L. Tobey, Jr., M.D.

Assistants.

William J. Harkins, M.D. John A. Turnbull, M.D.
Edwards W. Herman, M.D. Isabelle D. Kerr, M.D.
Joseph L. Goodale, M.D. Charles T. Porter, M.D.
Harold G. Tobey, M.D. William I. Wiggin, M.D.
Calvin B. Faunce, M.D.

Dentist.

George H. Wright, D.M.D.

†Temporary appointment.

Otologist.

D. Harold Walker, M.D.

Assistant Otologist.

Oliver A. Lothrop, M.D.

Ophthalmologist.

Alexander Quackenboss, M.D.

Assistant Ophthalmologists.

Robert G. Loring, M.D. George S. Derby, M.D.
Ralph A. Hatch, M.D.

Obstetrician.

Franklin S. Newell, M.D.

Consultant in Contagious Diseases.

Edwin H. Place, M.D.

PATHOLOGICAL DEPARTMENT

Pathologist.

J. Homer Wright, M.D.

Surgical Pathologist.

Harry F. Hartwell, M.D.

Assistant Pathologist.

Oscar Richardson, M.D.

Chemist.

Otto Folin, Ph.D.

Assistant Chemist.

Willey Denis, Ph.D.

Assistant in Clinical Bacteriology.

Albert E. Steele, M.D.

Roentgenologist.

GEORGE W. HOLMES, M.D.

Assistant Roentgenologist.

ADELBERT S. MERRILL, M.D.

Acting Assistant Roentgenologist.

JAMES F. BOYD, M.D.

House Physician to the X-Ray Department.

CHARLES L. MARTIN, M.D.

Dentist.

LEROY M. S. MINER, M.D., D.M.D.

Assistant Dentists.

JOSEPH A. RING, D.M.D. JOHN A. BREEN, D.M.D.

Out-Patient Dentists.

FRED R. BLUMENTHAL, D.M.D. WILLIAM W. ANTHONY, D.M.D.
EVERETT C. HAM, D.M.D.

Medical House Pupils.

RALPH C. SPENCE.
ROBERT N. NYE.
WILLIAM B. BREED.
CHESTER M. JONES.
HENRY JACKSON, JR.
MILTON V. VELDEE.
WILFRED SEFTON.
WILLARD C. RAPPLEYE.
CURTIS E. SMITH.
ALLEN P. WINSOR.
CHARLES S. BURWELL, JR.
SAMUEL AYRES, JR.

Surgical House Pupils.

FREDERICK S. HOPKINS.
EDMUND K. STEENBURG.
CHESTER C. SCHNEIDER.
WILLIAM M. SHEDDEN.
CHARLES A. WILLIAMS.
CHARLES M. SIMPSON.
MORRIS B. SANDERS.
JOHN ROCK.
LELAND S. MCKITTRICK.
WILLIAM T. S. THORNDIKE.
ROBERT C. CHENEY.
WILFRED D. VAN STONE.
JAMES GREENOUGH.
FRANCIS B. SARGENT.

House Pupils to Special Departments.

Orthopedic.

Rafe N. Hatt.
George H. Jackson, Jr.

Children's Medical.

Mary Wright.
Basil B. Jones.

Superintendent of Nurses.

Sara E. Parsons, R.N.

Acting Superintendent of Nurses.

Helen Wood, R.N.

Chief of Hospital Social Service.

Ida M. Cannon.

PHILLIPS HOUSE.

(Private Ward.)

Assistants to the Resident Physician.

Pauline L. Dolliver, R.N.
Louise S. Zutter, R.N. Ruby M. Squier, R.N.
Mary E. O'Brien, R.N.

ADVISORY COMMITTEE

General Hospital Training School for Nurses

Mrs. Nathaniel Thayer, *Chairman.*
Dr. Frederic A. Washburn, *Resident Physician.*
Miss Sara E. Parsons, *Superintendent of Nurses.*
Miss Helen Wood, *Acting Superintendent of Nurses.*

Dr. James J. Minot.
Dr. William H. Smith.
Dr. Daniel F. Jones.
Mrs. William W. Vaughan.
Mrs. Herbert L. Burrell.
Mrs. Robert H. Gardiner.
Mrs. Henry F. Bigelow.
Miss Marion H. Fenno.
Mrs. Thomas Motley.
Mrs. Charles E. Mason.
Mrs. Freeman Allen.
Mrs. Hugh Cabot.
Mrs. G. Tappan Francis.
Mrs. Roger I. Lee.
Mrs. Thomas Motley, Jr.
Mrs. Robert Soutter.

Mrs. Grace W. Myers, *Secretary.*

OFFICERS OF THE McLEAN HOSPITAL

Medical Superintendent.
FREDERIC H. PACKARD, M.D.

First Assistant Physician.

Second Assistant Physician.
THEODORE A. HOCH, M.D.

Clinical Assistant and Pathologist.

Assistant Physicians.
RAY L. WHITNEY, M.D.
CLARENCE M. KELLEY, M.D.

Assistant in Pathological Psychology.
F. LYMAN WELLS, Ph.D.

Junior Assistant Physician.
ELI CHARLES ROMBERG.

Chaplain.
REV. GEORGE J. PRESCOTT.

Superintendent of Nurses, and Matron.
JENNIE McINTOSH, R.N.

Assistant Superintendent of Nurses.
ALICE M. COCHRANE, R.N.

Clerk.
MARGARET E. CLARK.

Librarian.
MILDRED W. PAGE.

Instructors in Physical Training.
DAVID H. HOLMES.
S. MAY TAYLOR.

Instructors in Handicraft.
MARGARET E. HILL.
DANIEL A. JOY.

Dietitian.
ANNA L. BAUGHEY.

Instructor in Cookery.
CAROLINE C. GOODWIN.

Supervisor of Women's Department.
SARA J. NOYES, R.N.

Supervisor of Men's Department.
HENRY E. MAGOON.

Steward
FREDERICK A. FOSS.

Purveyor.
JOHN P. BRADBURY.

Apothecary.
VERNON L. STROUT.

Storekeeper.
WILLIAM C. TROWBRIDGE.

OFFICERS OF THE CONVALESCENT HOSPITAL

Superintendent.
FREDERIC A. WASHBURN, M.D.
(*Resident Physician, General Hospital.*)

Matron.

MASSACHUSETTS GENERAL HOSPITAL
BOSTON

One Hundred and Fifth Annual Report

OF THE

TRUSTEES

OF THE

Massachusetts General Hospital

Medical and Surgical Affairs of the General Hospital

Report of General Executive Committee

1918

SECTION B

CAMBRIDGE
THE UNIVERSITY PRESS

NOTICE.

The annual report of the Massachusetts General Hospital is now published in two sections. Section A contains the report of the Trustees, the Treasurer, the Administrator and appended reports, and complete reports of the McLean and Convalescent Hospitals.

One Hundred and Fifth Annual Report

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Massachusetts General Hospital

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Report of General Executive Committee

1918

SECTION B

CAMBRIDGE
THE UNIVERSITY PRESS

The legal title of the Corporation is

"The Massachusetts General Hospital."

All gifts and bequests, if without restriction, will be used as the Trustees deem most for the interest of the Corporation and its Beneficiaries.

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THE ONE HUNDRED AND FIFTH ANNUAL REPORT FOR THE YEAR 1918

In behalf of the Trustees the following report upon the Massachusetts General Hospital is submitted.

The following votes of the Trustees, passed recently, record the conditions of this eventful year and the relations of the hospital thereto in a concise and heartfelt way, and we feel that they are a fitting opening to this report:

"Whereas the year 1918, in the annals of the Hospital, has been a critical one because of the depletion of its organization in war work, because of excessive costs of labor and materials, and especially through the prevalence of a serious epidemic of influenza,

"Now, therefore, be it *Voted:* That the Trustees wish to express their appreciation of the ability and the faithful and tireless devotion of the members of the Hospital organization through whose united and self-sacrificing efforts the Hospital has been able to pass with credit through this period of stress.

"*Voted:* That a copy of this vote be addressed to each individual of the organization who has participated in this good work."

Reference to other reports giving detailed figures of the operations of the hospital in 1918 will show that it has taken care of approximately the usual annual number of patients and lived within its means. These reports, too, will show how the hospital has done its share in caring for soldiers and sailors and especially what it did in the matter of caring for influenza patients.

The donations during the year amounted to the sum of $286,246.34, of which $159,437.42 was restricted and $126,808.92 was unrestricted. Among the donations and bequests was one for $100,000 from Mrs. Caroline L. Weld, to be known as the Charles Goddard

Weld Fund; one of $50,000 from Mrs. T. O. Richardson; bequest of George D. Dodd for $10,135; bequest of Richard Black Sewall for $25,000; bequest of Mary Rose Harris for $10,000; bequest of Moses Wildes for $20,104.16; donation of C. H. W. Foster for $10,000; donation of George Wigglesworth for $5000. A gift notable in the sentiment accompanying it was that of a Free Bed given by his partners in Lee, Higginson and Company to Henry L. Higginson on his fiftieth anniversary with the firm.

There has been one change in the Board of Trustees, for on May 31, 1918, the Secretary reported that the resignation of William Endicott had been accepted by His Excellency the Governor and that Thomas B. Gannett had been appointed Trustee to fill the vacancy. Mr. Endicott had accepted important positions in connection with war work in Europe.

On April 1 Walter S. Crane, Assistant Treasurer, after several years of faithful service, resigned to take a larger position, and Charles Brewer was elected to fill the position made vacant.

On February 6 Dr. Joseph H. Pratt, Assistant Visiting Physician, on April 18 Dr. Victor T. Shapira, Assistant in Surgery in the Out-Patient Department, May 3 Dr. Arthur K. Stone, Assistant Visiting Physician, November 1 Dr. Walter B. Swift, Assistant in the Laryngological Department, resigned and their resignations were accepted with the regrets of the Board. On October 1, Dr. Mary Wright was appointed House Officer to the Children's Medical Department and Dr. Wright holds the distinction of being the first woman appointed in this hospital to a house officer's position.

Dr. Benjamin H. Ragle was appointed the Dalton Scholar for 1918.

The Trustees regret to record the death on November 4, 1918, of Dr. James J. Putnam, a distinguished member of the Consultation Board. Dr. Putnam had

a long connection with the hospital. He was appointed Electrician and Physician to Out-Patients with Diseases of the Nervous System on June 18, 1872; Chief of Neurological Department in 1911; Consulting Physician on September 1, 1912.

At a meeting of the Trustees held on December 27, 1918, it was

Voted: To accept with sincere regret the resignation of Dr. George T. Tuttle as Medical Superintendent of the McLean Hospital to take effect April 1, 1919, and that the Chairman be requested to convey to Dr. Tuttle the appreciation of the Board for his long, valued and faithful service to the Hospital.

December 27, 1918, Dr. George R. Minot was appointed Dalton Scholar for 1919–20.

For reasons connected with war-time conditions, the usual annual Ether Day celebration was omitted.

In connection with the naming of the recently built ward, the "Phillips House," we enter herewith this extract from the Secretary's record: "The Board received from Dr. John Collins Warren the following extract from his father's diary of January 28, 1852. 'Left the Hospital at half past eleven and returned at twelve to attend the Annual Meeting of the Corporation . . . which gave occasion for me to remark that the first successful movement towards the formation of the Hospital was the result of a letter addressed to my father by Governor Phillips, in consequence of which he agreed to give $20,000. This letter was written at the request of Dr. James Jackson and myself.'"

The fundamental part of a Trustee's report is to chronicle the needs and hopes for the Hospital's development. In the first place it should be thoroughly understood that the Massachusetts General Hospital receives no financial aid from city or state but is supported by the bequests and donations of generous and appreciative citizens. While it intends to limit its activities to its means, yet its reputation is such that it always has an increasing demand for medical

service and research, and for these can use an indefinite amount of money. With its over one hundred years of recorded experience and with its world-famous equipment and medical organization it should surely receive the first consideration not only of those who would give money from charitable motives, but also of those who see in such an institution the great value of its medical teachings, both in a practical and scientific way. Its thousands of records of cases in the hands of the scientific men in the hospital organization means medical progress. Its Nurses' Training School has set an example to the world as to what a nurse should be. The Trustees have for some time recognized the fact that modern medical and surgical practice must have the co-operative specialized skill and learning, and the equipment, found only in a large hospital, and they have tried to extend their charitable trust to meet this demand from all classes. But they still need funds with which to build wards to meet the needs of the great so-called middle class who can pay a reasonable sum for treatment, but who cannot afford the cost of one specialist after another, with all the charges of X-ray, laboratories and special apparatus. There is no better or more needed service to the community than to put these expensive matters within reach of this most worthy and largest class in the community.

These are some of the other needs of the hospital:

1. A Nurses' Home at the McLean Hospital. (We quote from a recent report.)

"There is need for such a house, situated on the hospital grounds but separate from the houses for patients, so that the nurses may have a real freedom from any sense of responsibility and from the atmosphere of their work when they are off duty. Their rooms now are on the third floor of the patients' houses, — an arrangement for obvious reasons not satisfactory to either nurses or patients. A home is necessary in these days of competition for the maintenance of a high standard of the nursing service. There is no doubt that in time the hospital will have it, but it is needed now."

2. Another Nurses' Home at the General Hospital, to provide for the growth of the hospital.

3. Wards for persons of moderate means. This is the matter referred to in a previous part of this report.

4. Fireproofing the Bulfinch Building and improving its facilities.

5. New laundry and refitting old laundry for laboratory use.

6. New X-ray quarters.

7. Children's ward building.

8. Fracture ward.

9. Revision of heating plant, especially in nurses' rooms in Thayer Building.

10. Houses for married men nurses at the McLean Hospital.

11. A fund for research work in the laboratories at the McLean Hospital.

12. Additions to the occupation fund at the McLean Hospital; also to the Art Room Fund.

13. Gifts to the Endowment Fund of the Training School for Nurses. A benefit fund for them — and a most worthy cause.

There is every evidence that the war has helped change public sentiment in regard to hospitals and in addition both the doctor and patient have come to recognize the value of the hospital organization and equipment towards a cure. The Trustees recognize the fact and are studying how to keep this hospital first and foremost to meet the constantly increasing public needs.

Francis Henry Appleton.
C. H. W. Foster.

MEMBERS OF THE STAFF OF THE MASSACHUSETTS GENERAL HOSPITAL WHO HAVE BEEN IN MILITARY SERVICE DURING THE YEAR

ADAMS, Z. BOYLSTON, *Major*.....M. C., U. S. A.
ALLEN, ARTHUR W., *Captain*.....M. C., U. S. A.
AUSTIN, A. EVERETT, *Major*.....M. C., U. S. A.
AYER, JAMES B., *Captain*.....M. C., U. S. A.
BADGER, GEORGE S. C., *Major*.....M. C., U. S. A.
BALCH, FRANKLIN G., *Major*.....M. C., U. S. A.
BARNES, HARRY A., *Captain*.....M. C., U. S. A.
BRACKETT, ELLIOTT G., *Colonel*.....M. C., U. S. A.
BRIGHAM, F. GORHAM, *Captain*.....M. C., U. S. A.
CABOT, HUGH, *Lieut. Col*.....R. A. M. C. (British)
CABOT, RICHARD C., *Lieut. Col*.....M. C., U. S. A.
CADY, FREDERIC B. M., *1st Lieut*.....M. C., U. S. A.
CHEEVER, AUSTIN W., *Assistant Surgeon, Lieut. Junior Grade*.....U. S. N.
CLYMER, GEORGE, *Captain*.....M. C., U. S. A.
CRABTREE, ERNEST G., *Major*.....R. A. M. C. (British)
DANFORTH, MURRAY S., *Captain*.....M. C., U. S. A.
DAVIS, LINCOLN, *Lieut. Col*.....M. C., U. S. A.
DERBY, GEORGE S., *Lieut. Col*.....M. C., U. S. A.
EATON, HAROLD B., *1st Lieut*.....M. C., U. S. A.
EUSTIS, RICHARD S., *1st Lieut*.....M. C., U. S. A.
FORBES, HENRY S., *Captain*.....M. C., U. S. A.
GREENE, D. CROSBY, *Major*.....M. C., U. S. A.
GREENOUGH, ROBERT B., *Surgeon, Lieut. Comdr*.....U. S. N.
HARKINS, WILLIAM J., *Captain*.....M. C., U. S. A.
HARMER, TORR W., *Captain*.....M. C., U. S. A.
HATCH, RALPH A., *Captain*.....M. C., U. S. A.
JONES, DANIEL F., *Major*.....M. C., U. S. A.
KNOWLES, WILLIAM F., *Major*.....M. C., U. S. A.
LEE, ROGER I., *Lieut. Col*.....M. C., U. S. A.
LELAND, GEORGE A., JR., *Captain*.....M. C., U. S. A.
LORING, ROBERT G., *Captain*.....M. C., U. S. A.
LOUGEE, JOHN L., *Captain*.....M. C., U. S. A.
MACOMBER, DONALD, *Captain*.....M. C., U. S. A.
MARBLE, HENRY C., *Captain*.....M. C., U. S. A.
MARVIN, FRANK W., *1st Lieut*.....M. C., U. S. A.
MEANS, JAMES H., *Major*.....M. C., U. S. A.
MERRILL, ADELBERT S., *Major*.....M. C., U. S. A.
MILLER, RICHARD H., *Captain*.....M. C., U. S. A.
MIXTER, SAMUEL J., *Major*.....M. C., U. S. A.

MIXTER, W. JASON, *Major*.....M. C., U. S. A.
MOSHER, HARRIS P., *Lieut. Col*.....M. C., U. S. A.
O'KEEFE, EDWARD S., *1st Lieut*.....M. C., U. S. A.
OLIVER, E. LAWRENCE, *Major*.....M. C., U. S. A.
O'NEIL, RICHARD F., *Major*.....M. C., U. S. A.
OSGOOD, ROBERT B., *Lieut. Col*.....M. C., U. S. A.
PAINTER, CHARLES F., *Assistant Surgeon, Lieut. Junior Grade*.....U. S. N.
PORTER, CHARLES T., *1st Lieut*.....M. C., U. S. A.
QUACKENBOSS, ALEXANDER, *Major*.....M. C., U. S. A.
RACKEMANN, FRANCIS M., *1st Lieut*.....M. C., U. S. A.
REID, WILLIAM D., *1st Lieut*.....M. C., U. S. A.
RICHARDSON, EDWARD P., *Major*.....M. C., U. S. A.
ROGERS, MARK H., *Major*.....M. C., U. S. A.
SELLARDS, A. WATSON, *Major*.....M. C., U. S. A.
SEYMOUR, MALCOLM, *Captain*.....M. C., U. S. A.
SHATTUCK, GEORGE C., *Major*.....R. A. M. C. (British)
SISSON, WARREN R., *1st Lieut*.....M. C., U. S. A.
SMITH, GEORGE G., *Captain*.....M. C., U. S. A.
SPOONER, LESLEY H., *Major*.....M. C., U. S. A.
STRONG, RICHARD P., *Lieut. Col*.....M. C., U. S. A.
TOBEY, GEORGE L., JR., *Captain*.....M. C., U. S. A.
TOBEY, HAROLD G., *Captain*.....M. C., U. S. A.
VINCENT, BETH, *Major*.....M. C., U. S. A.
VOSE, ROBERT H., *Captain*.....M. C., U. S. A.
WALCOTT, WILLIAM W., *1st Lieut*.....M. C., U. S. A.
WASHBURN, FREDERIC A., *Colonel*.....M. C., U. S. A.
WIGGIN, WILLIAM I., *1st Lieut*.....M. C., U. S. A.
WRIGHT, WADE S., *Captain*.....M. C., U. S. A.

ANNUAL REPORT OF THE ADMINISTRATOR OF THE MASSACHUSETTS GENERAL HOSPITAL AND RESIDENT PHYSICIAN OF THE GENERAL HOSPITAL

To the Trustees of the Massachusetts General Hospital:

Gentlemen: — I have the honor to submit herewith the report of the Administrator for 1918.

GENERAL HOSPITAL

Notwithstanding the difficulties the war has created, I think we can look back on the past year with the feeling that our patients have been cared for as well as usual.

Reference to the list of officers elsewhere in the report will show how many of the staff are away and also those who hold temporary appointments to fill vacancies. To these, we owe much for their valuable services. The regular members of the staff have done more than their full share of the work, some of them serving practically throughout the twelve months.

The term of service of surgical house pupils was reduced from fourteen to twelve months. Following the signing of the armistice, steps were immediately taken to begin a gradual return to the twenty-one months' service of surgical house pupils and the eighteen months' service of medical house pupils.

In January an outbreak of scarlet fever took place in the hospital. It became so serious that from January 29 to February 20 no patients other than emergencies were admitted to the hospital. In all, the positive cases and suspected ones requiring quarantine included 10 house pupils, 27 nurses, 21 employees, and 21 patients, a total of 79 cases. Experts sought

to find the cause, but this was never done with certainty. We regret to have to record the death from scarlet fever of Mr. Benjamin Larrabee, one of our orderlies.

The success of the cafeterias started last year encouraged us to extend this service during the year, and it now includes the dining-room for orderlies and male employees.

A new forced draft system has been installed in connection with the boilers. It permits us to use a larger percentage of screenings and is therefore an economy.

The old Treadwell Library was early in the year made into a 16-bed ward and was at once occupied by sailors transferred from the Naval Hospital. It continued in use until May 23. On August 30, with the sudden outbreak of influenza in Boston, sailors suffering from the disease were admitted to this ward and the 50-bed Relief Ward, formerly the "Zander Room."

The seriousness of this epidemic is still too fresh in the minds of all to require description here. I am glad to be able to report that the Massachusetts General Hospital did its share in caring for these cases. All admitting of general surgical patients, except emergency cases, ceased, and the surgical wards were used for influenza patients. Two hundred beds were thus made available, and during the epidemic over eight hundred cases were admitted.

I cannot praise too highly the devotion to duty of our physicians and nurses. They worked to the utmost of their capacity. We regret to have to record the death from influenza of one of our nurses and three employees: Miss Ruth Chamberlain, a pupil nurse, on September 23; Lena Fitzgerald, a maid, on September 14; Miss Marguerite E. Adams, clerk, on September 27, and Mr. Louis E. Hay, a ward tender, on October 6.

On page 10 is given a list of the members of our staff in war service during the year. Over two hundred of our Alumni are known to have been in service. Of this number I regret to report the death of three:

Howard Walter Beal, Surgical, 1899, went to England as Director of Red Cross units September 4, 1914. He was Chief Surgeon of the American Women's War Hospital, Paignton, England, for fourteen months. Having been an officer with the regular Army Medical Corps and therefore in the Reserve Corps, he was called to active duty when the United States entered the war and sailed for Europe August 6, 1917. He was wounded on the 18th of July, 1918, by a fragment of a bomb, and died in Paris July 20, 1918.

William Henry Buffum, Medical, 1903, served in the Navy with the rank of Lieutenant Commander. He died of influenza in Liverpool, England, on October 13, 1918.

Harrison Briggs Webster, Surgical, 1910, while serving as a Major in the Medical Corps, United States Army, with the Expeditionary Forces in France, was killed in action on October 7, 1918.

Since the signing of the armistice we have received very generous gifts of surgical dressings from the Metropolitan and Medford Chapters of the Red Cross and from the "Charles River Village Ladies."

"Ether Day" exercises were omitted this year, owing to the war and to the fact that the influenza epidemic was at its height at this time.

The following comparative tables are of interest:

	Expenses.		Receipts.	
	1917.	1918.	1917.	1918.
General Hospital . .	$503,719.18	$519,569.44	$183,763.43	$249,317.25
Out-Patient Department	110,543.67	100,434.59	99,872.13	91,429.70
Consultation Clinic .	6,794.01	32.10	6,922.00	. . . . .
Convalescent Hospital	4,280.95	750.38	2,005.01	51.72
Phillips House . . .	60,558.74	150,770.21	44,481.88	181,902.33
McLean Hospital . .	441,480.37	486,010.48	422,174.60	455,535.14

	No. Patients Admitted to Wards.	Total Patients' Days Treatment.	Average Stay in Hospital.	No. Operations House Cases.
1908	5,362	106,034	20 — days	3,634
1909	5,871	105,295	18 — "	3,841
1910	6,092	105,617	17 + "	4,016
1911	6,495	107,671	17 — "	3,948
1912	6,629	107,797	16 — "	4,063
1913	6,251	111,364	18 + "	3,887
1914	6,413	116,164	18 + "	3,993
1915	6,503	113,941	18 — "	4,046
1916	6,507	111,875	17 + "	4,094
1917	6,699	112,636	17 — "	4,191
1918	6,702	116,321	17 + "	4,117

	Average Daily Cost per House Patient.	Daily Cost per Capita for Provisions for all Persons Supported.
1911	$2.65 +	$0.28 —
1912	3.00 +	0.31 +
1913	3.01 +	0.33 +
1914	3.09 +	0.34 +
1915	3.31 +	0.32 +
1916	4.05 +	0.37 +
1917	4.36 +	0.41 +
1918	4.37 —	0.48 +

	Number Ambulance Trips.	Number of Miles.	Average Trips per Day.
1908	1,747	....	5 —
1909	1,539	5,442	4 +
1910	1,639	5,615	4 +
1911	1,513	4,452	4 +
1912	1,477	4,870	4 +
1913	1,576	4,796	4 +
1914	1,378	4,888	3 +
1915	1,502	4,182	4 +
1916	1,413	5,032	4 —
1917	1,358	6,100	4 —
1918	1,236	5,771	3 +

	Number of Patients Treated in Emergency Ward.	Average Daily Cost per Patient.	Cost of Maintenance of Emergency Ward.	Total Receipts.
1908	5,313	$0.78 —	$4,141.03	$518.23
1909	5,314	0.83 —	4,389.78	488.88
1910	5,590	0.82 —	4,555.97	571.80
1911	6,029	0.72 —	4,331.75	618.80
1912	5,501	0.78 +	4,343.15	770.17
1913	5,424	0.86 +	4,665.50	1,560.07
1914	5,278	0.96 +	5,090.52	1,867.38
1915	4,815	1.03 +	5,006.69	2,297.97
1916	5,123	1.21 +	6,210.98	2,911.60
1917	6,045	2.05 —	12,380.79	4,247.25
1918	6,131	1.91 —	11,681.11	3,821.30

	Number of X-Ray Cases Out-Patient Department.	Number of X-Ray Cases in House.
1908	2,902	1,353
1909	3,323	1,441
1910	3,414	1,363
1911	4,138	1,643
1912	4,587	1,987
1913	6,286	4,015
1914	7,951	5,985
1915	7,618	4,597
1916	10,616	4,986
1917	10,161	4,125
1918	9,408	2,705

OUT-PATIENT DEPARTMENT

The average attendance at the first of the year was low. It gradually increased, but during the epidemic months, September and October, took a sudden drop, as was to be expected. During November and December the attendance again increased. It is interesting to note that the decrease in attendance comes more from the decreased number of visits of old patients than from new cases. Our experience in having smaller clinics this year corresponds to that of hospitals in other parts of the country.

	New Cases.	Total Number of Visits.	Total Number Prescriptions Filled.
1904	25,082	106,174	53,321
1905	21,874	110,631	49,793
1906	20,010	99,251	43,063
1907	20,358	107,063	43,764
1908	20,729	116,008	46,390
1909	21,518	121,327	48,250
1910	22,302	124,584	48,676
1911	22,232	135,809	49,858
1912	22,639	136,095	48,270
1913	24,887	147,428	51,798
1914	24,957	158,090	62,112
1915	29,213	190,628	73,914
1916	31,061	201,375	79,736
1917	31,104	205,524	78,820
1918	25,441	168,183	65,511

During the year 1918 there were 1,658 operations under an anesthetic in the Out-Patient Department,

of which number 330 were performed under a local and 1,328 under a general anesthesia.

The following is a comparative financial table:

	Cost of Maintenance Out-Patient Department.	Average Daily Cost per Patient.	Total Receipts.
1908	$50,902.61	$0.44 —	$39,955.80
1909	54,739.32	0.45 +	42,636.05
1910	56,383.06	0.45 +	44,296.92
1911	62,476.04	0.46 +	46,643.45
1912	62,704.66	0.46 +	47,607.00
1913	70,077.00	0.47 +	53,453.20
1914	74,710.04	0.47 +	58,668.95
1915	84,451.96	0.44 +	73,521.99
1916	103,233.15	0.51 +	88,256.24
1917	110,543.67	0.54 +	99,872.13
1918	100,434.59	0.60 —	91,429.70

ROENTGENOLOGICAL DEPARTMENT

Up to a few months ago we had preserved all X-ray plates taken since 1895. They took up much valuable room, and as interpretations of findings are included in all clinical records, it did not seem necessary to file them permanently. Owing to the scarcity of glass for photographic plates, we believed they could be sold for a better price this year than ever again. They brought enough to pay the expense of an additional X-ray unit for treatment work. Attention is invited to Dr. Holmes' report of this department which is appended.

NURSING DEPARTMENT

The School for Nurses at the General Hospital has during the year done its utmost to answer the call to train more nurses, and has at all times kept its classes as large as the amount of our teaching material would permit.

Three small houses on North Grove Street have been fitted as quarters for graduate nurses. This expansion was necessary with the opening of the Phillips House.

The following table is of interest:

	Average No. of Graduates.	Average No. of Pupils.	Average No. of Probs.	Average Total.	Total Probs. During Year.	Probs. and Nurses Who Left During Year
1911	31	140	12	183	90	53 P. 16 N. — 69
1912	29	158	15	202	100	51 P. 7 N. — 58
1913	29	167	28	224	97	30 P. 8 N. — 38
1914	28	181	24	233	92	30 P. 10 N. — 40
1915	29	179	33	241	90	24 P. 6 N. — 30
1916	30	210	27	267	106	19 P. 4 N. — 23
1917	30	232	21	283	88	15 P. 13 N. — 28
1918	27	242	25	294	90	21 P. 6 N. — 27

The reports of the Advisory Committee on the General Hospital Training School and the Superintendent of Nurses to the Resident Physician are appended.

TREADWELL LIBRARY

The War Bibliography compiled by the Librarian, Mrs. Grace W. Myers, a voluntary undertaking on her part, is worthy of note. It has already proved its usefulness by the fact that it is much in demand. Details of the work of the library will be found in the appended report of the Librarian.

WARREN LIBRARY

The usefulness of the library has been much curtailed by the epidemics this year, as during such times

no books were sent to the wards. Much care has been given by members of the Ladies' Visiting Committee in the selection of books, with the result that only such books have been purchased as are popular with patients and employees.

SOCIAL SERVICE

The department is conspicuous for what it has contributed in the emergencies of the year. It was represented in the Halifax disaster by Miss Ruth Emerson, Head Worker in the House Social Service Department. Miss Emerson was away several weeks and we know did most valuable work. Later she left to introduce social service work at the Naval Hospital in Chelsea.

Miss Ida Cannon, Chief of the Social Service Department, has been granted leave of absence to take up Red Cross work. Miss Ora Mabelle Lewis was appointed in her place and has efficiently guided the work of the department.

PHILLIPS HOUSE

Almost daily, comment is heard concerning the home-like atmosphere of the Phillips House, and it is safe to pronounce it a distinct success. Its comfort, safety, and convenient location, both for patients and physicians, have contributed to this end.

Recently the fifth floor was furnished for the care of babies and children and placed in charge of an experienced children's nurse. One floor remains unopened solely because we have been unable to provide additional nurses, both pupils and graduates.

Information concerning the admission of patients to the Phillips House will be found elsewhere in the report.

	Number of Patients Admitted.			Total Patients' Days Treatment.	Average Stay in Hospital.
	Medical.	Surgical.	Obstetrical.		
1917	82	274	2	3,594	10 + days
1918	221	796	80	12,854	12 — "

CONVALESCENT HOSPITAL

A bequest of fifteen framed photographs and engravings for the Convalescent Hospital from the late Miss Mary A. P. Russell has been received.

On October 3, this hospital, which has been closed for some time as a matter of economy, was opened to provide care for McLean Hospital doctors and nurses suffering from influenza. On October 11 the lower floor was opened for convalescent cases from the General Hospital. After serving its purpose it was again closed on November 5.

NEEDS OF THE GENERAL HOSPITAL

It was to be expected that during the war no expansion could take place. Now, however, we should make some essential changes in our present buildings and erect new, much-needed additions. These needs have appeared in former reports of the Administrator. The most pressing ones are: Fireproofing the Bulfinch Building; a new wing to provide diet kitchens and service rooms for the medical wards; a new laundry, and a new nurses' home. At present, in addition to the two nurses' dormitories connected with the hospital, we occupy five detached houses for nurses — some at a distance from the hospital, and none of them suitable for prolonged use. A new steam-heating system should be installed in the Thayer Nurses' Home. A ward should be built to care for persons of moderate means.

McLEAN HOSPITAL

There is little to record in the Administrator's department at this hospital.

No new building was attempted. Two acres more have been added to the garden.

The value of the garden products is $1,141 more than in 1917.

A disease new in our experience, hemorrhagic septicemia, caused the death of one hundred and ninety young pigs, valued at $1,000.

The following are comparative tables:

	Number of Patients Admitted.	Number of Patients' Days Treatment.
1908	168	78,897
1909	169	79,515
1910	166	80,978
1911	188	80,245
1912	168	81,358
1913	144	80,618
1914	117	77,621
1915	123	77,807
1916	133	76,477
1917	144	77,128
1918	137	75,801

	Average Daily Cost per Patient.	Daily Cost per Capita for Provisions for all Persons Supported.
1911	$3.59 +	$0.479
1912	3.79 +	0.487
1913	3.90 +	0.511
1914	4.07 +	0.517
1915	4.22 +	0.516
1916	4.75 +	0.615
1917	5.27	0.675
1918	5.49 +	0.827

VOLUNTEER WORK AT THE MASSACHUSETTS GENERAL HOSPITAL

I wish to express our thanks to the women who have during the past year served as volunteers in many departments of the hospital.

Probably few people realize to what extent this service has grown, and how important it has become in the running of the hospital. A number of the volunteers have by preliminary training and practice in our laboratories become very skillful and do highly technical work hitherto performed only by physicians.

The extent of this service is shown by the following schedule:

Social Service Department

	Days per Week.
House Social Service.	
1 volunteer	5 days from 9–5
Out-Patient Social Service.	
1 volunteer	5 " " 9–5
	1 " " 9–1
1 " (typist)	4 " " 9–12
Orthopedic Social Service.	
1 volunteer	6 " " 9–1
1 "	3 " " 9–1

Laboratories

Special technician for East Medical Laboratories and New Laboratories	6 days from 9–5
Special technician for West Medical Laboratories	3 " " 11–5
	1 " " 9–1
Special technician for Medical Laboratories	3 " " 9–1
Special technician for West Surgical Laboratories	5 " " 2–5
In charge of Metabolism Apparatus	3 " " 9–11
Assisting with " "	3 " " 9–11
Assisting with Electro-cardiograph	1 " " 2–5

Clinic Secretaries in Out-Patient Department

Skin Room	1 secretary	6 days from	8:45–12:30
Nerve Room	1 "	6 " "	8:45–12:30
Female Surgical	1 "	6 " "	8:45–12:30
Female Medical	1 "	1 " "	8:45–12:30
	1 "	2 " "	8:45–12:30
	1 "	3 " "	8:45–12:30
Children's Room	1 "	6 " "	8:45–12:30
Male Surgical	1 "	2 " "	8:45–12:30
	1 "	4 " "	8:45–12:30
Male Medical	1 "	3 " "	8:45–12:30
	1 "	3 " "	8:45–12:30
Orthopedic	1 "	3 " "	8:45–12:30
	1 "	3 " "	8:45–12:30
Anaphylaxis	1 "	2 " "	8:45–12:30
Industrial	1 "	3 " "	8:45–12:30
Diabetic	3 "	2 " "	8:45–12:30
Infantile	1 "	3 " "	8:45–12:30

Miscellaneous

Two instructors of diabetics	1 day from 9–1
Assistant in history taking in Children's Room	4 days " 9–1

Office worker in X-Ray Department	3	days	from 9–1
" " " " "	2	"	" 9–1
Assistant in cashier's office	3	"	" 9–1
" " admitting clerk's office	6	"	" 9–1
Typist copying medical physical examinations	6	"	" 9–1
Assistant in Treadwell Library	3	"	" 9–1
" " " "	6	"	for 2 hours
Admitting patients to Industrial Clinic	3	"	from 8:30–11
Instructor in occupational therapy			

In closing I wish to thank your Board for the support you have given me.

Respectfully yours,

JOSEPH B. HOWLAND,
Acting Administrator.

GENERAL HOSPITAL

Table No. 1

COMPARATIVE STATEMENT OF STATISTICS

Hospital Wards and Single Rooms

	1918	1917
Patients in Hospital January 1:		
Medical	95	120
Surgical	225	203
Total	320	323
Patients admitted during year:		
Medical	2,664	2,427
Surgical	4,038	4,272
Total	6,702	6,699
Total patients treated in Hospital wards and single rooms during year:		
Medical	2,759	2,547
Surgical	4,263	4,475
Total	7,022	7,022
Patients discharged during year:		
Well	187	45
Relieved	5,240	5,607
Not relieved	538	459
Against advice	65	68
Died	578	401
Not treated	92	122
Total	6,700	6,702
Patients in Hospital end of year:		
Medical	126	95
Surgical	196	225
Total	322	320

	1918	1917
Total patient's day's treatment:		
Free patients	18,927	25,303
Pay patients	66,621	45,052
Patients paying something	30,782	42,281
Total	116,330	112,636
Percentage:		
Free days	16+	22+
Pay days	57+	40+
Paying something	27−	38−
Total	100	100
Average patients per day:		
Free	52−	69+
Pay	182+	123+
Paying something	84+	116−
Total	318+	308+
Average time per patient in Hospital	17+ days	17− days
Average daily cost per patient	$4.37−	$4.36+
Daily cost *per capita* for provisions for all persons supported	.48+	.41+

Paying patients were admitted at the following rates: 4 at $56.00 per week; 1 at $52.50; 1 at $52.00; 1 at $40.00; 346 at $35.00; 25 at $23.34; 458 at $21.00; 3,238 at $17.50; 18 at $15.00; 14 at $14.00; 7 at $12.50; 52 at $12.00; 1 at $11.75; 374 at $10.50; 7 at $10.00; 2 at $8.00; 1 at $7.50; 3 at $7.25; 561 at $7.00; 3 at $6.00; 144 at $5.00; 1 at $4.00; 128 at $3.50; 11 at $3.00; 8 at $2.50; 5 at $2.00; 2 at $1.50. Some of the patients entered at these rates were afterwards made free.

There were 6,131 patients treated in the Emergency Ward. Of this number 2,031 were retained in the Hospital.

OUT-PATIENT DEPARTMENT	1918	1917
Number of cases treated (new cases)	25,441	31,104
Americans	13,512	16,056
Foreigners	11,929	15,048
Residents of Boston	12,475	12,468
Residents of other places	12,966	18,636
Medical Department	6,584	7,574
Surgical Department	5,650	7,125
Department for Diseases of the Skin	1,862	2,411
Department for Diseases of the Nervous System	946	1,221
Department for Diseases of the Throat	2,825	3,638

	1918	1917
Children's Medical Department	2,089	2,309
Orthopedic Department	2,599	3,171
Genito-Urinary Department	1,343	1,608
Department of Syphilis	1,363	1,580
Dental Department	180	463
Infantile Clinic	00	1
Psychiatric Clinic	00	3
Total number of visits from patients	168,183	205,524
Average daily attendance	557—	678+
Total number of prescriptions filled	65,511	78,820
Number of visits to Hydrotherapeutic Room	00	899
Number of visits to Medico-Mechanical Room	7,007	16,425
Number of applicants	27,285	32,936
Number admitted	25,441	31,104
Referred to other institutions	815	1,085
Number refused	1,029	747
Cost of maintenance of Out-Patient Department	$100,434.59	$110,543.67
Daily average cost per Out-Patient	.60—	.54+

AMBULANCE

	1918	1917
Ambulance calls during year	1,236	1,358
Average calls per day	3+	4—

EMERGENCY WARD

	1918	1917
Visits made to Emergency Ward during year	6,131	6,045
Average visits made per day	17—	17—
Cost of maintenance of Emergency Ward	$11,681.11	$12,380.79
Daily average cost per Emergency Ward patient	1.91—	2.05—

X-RAY

	1918	1917
Number of X-ray cases taken in the Out-Patient Department	9,408	10,161
Number of X-ray cases taken in the House	2,705	4,125
Number of X-ray cases taken in Phillips House	828	268

Table No. 2

RESIDENCES

	1918
Boston	1,579
Massachusetts (except Boston)	5,361
Maine	102
New Hampshire and Vermont	214
Rhode Island and Connecticut	95
Other States	396
British Provinces	52
Total	7,799

Table No. 3

BIRTHPLACES

Boston	681
Massachusetts (except Boston)	2,802
Maine	348
New Hampshire and Vermont	314
Rhode Island and Connecticut	116
New York	132
Southern and Western States	440
Other States	74
Total in United States	4,907
Great Britain	325
British Provinces	559
Ireland	509
Norway and Sweden	156
Italy	443
Russia and Poland	531
Germany	43
France	33
Other places	293
Total Foreigners	2,892

BIRTHPLACE OF MOTHER

Boston	288
Massachusetts	2,120
Maine	321
New Hampshire and Vermont	195
Rhode Island and Connecticut	79
Carried forward	3,003

Brought forward	3,003
New York	159
Southern and Western States	411
Other States	65
Total in United States	3,638
Great Britain	413
British Provinces	868
Ireland	914
Norway and Sweden	166
Italy	641
Russia and Poland	648
Germany	89
France	27
Other places	395
Total Foreigners	4,161

TABLE NO. 4

OCCUPATIONS

MALE

Advertising		*Bakery*	
Advertisers	2	Bakers	7
Advertising Agents	2	Foreman	1
Advertising Solicitor	1	Mixers	2
Commercial Artist	1	Packer	1
Aeroplane Plant		*Banking*	
Wire Winder	1	Bankers	3
Ammunition Factory		*Barbers, Hairdressers*	
		Barbers	20
Laborers	4	Hairdresser	1
Machinist	1		
Polisher	1	*Barrel Business*	
		Empty Barrel Dealer	1
Artificial Limb Factory			
		Bar Room	
Artificial Limb Maker	1	Bartenders	8
Strap Finisher	1		
		Basket Makers	
Automobile Company			
		Basket Maker	1
Mechanics	4		
Sheet Metal Worker	1	*Belt Factory*	
Tire Repairers	2		
Top Maker	1	Belt Maker	1

Beverage Industries

Bottle Washer	1
Bottler	1

Blacksmiths

Blacksmiths	10
Blacksmiths' Helpers	3
Collector	1

Blanket Factory

Cutters	2

Bleachery

Packer	1

Book Bindery

Binder	1

Bookkeepers, Accountants

Accountants	2
Bookkeepers	9

Box Factory

Laborers	3

Brass Foundry

Boiler Maker	1
Brass Molder	1
Brass Polisher	1
Buffer	1
Comb Maker	1
Tiler	1

Brick and Stone Masons

Bricklayers	11
Stone Masons	10

Building and Building Contractors

Contractors	2
Crane Operator	1
Foremen	2
Hod Carriers	2
Superintendent	1

Button Factory

Stampers	2

Cabinet Makers

Cabinet Makers	3

Candy Factory

Candy Makers	7
Cone Makers	2
Millwrights	3
Packer	1

Captains, Mates (ship)

Captain	1
Mate	1

Carpenters

Carpenters	84

Carriage Factory

Driver	1
Repairer	1
Trimmer	1

Cartridge Factory

Gauger	1
Stock Chasers	2
Wheelwright	1

Cement Works

Laborer	1

Chair Factory

Shaper	1

Chauffeurs

Chauffeurs	46

Chemical Works

Chemists	2
Laborer	1

Cider Mill

Cellar Man	1

Cigar Factory

Cigar Makers	8

Clerks

Clerks	99
Order Clerk	1
Paymasters	2
Secretaries	4
Timekeeper	1
Weighers	2

Clothing Factory

Cap Maker	1
General Workers	2
Needleworker	1

Coal Company

Coal Passers	2
Coal Shovelers	3
Hod Carrier	1
Laborer	1
Oiler	1
Weigher	1

Cobblers

Cobblers	11

Comb Factory

Pointers	3

Commercial Brokers

Broker, Flour	1

Coppersmiths

Coppersmiths	6

Cordage Company

Rope Maker	1
Rope Weigher	1

Cotton Mill

Beamers	2
Brusher	1
Carders	2
Dryer	1
Inspector	1
Laborers	5
Loom Fixer	1
Machine Operator	1
Slasher Tenders	2
Spinners	6
Weavers	9

Dairy Farm

Cream Tester	1
Farm Advisor	1
Foremen	2
Milkman	1
Stamper	1

Dental Laboratory

Polisher	1

Department Store

Carpet Buyer	1
Checker	1
Collection Clerk	1
Dealers	3
Floor Manager	1
Porter	1
Salesmen	12

Domestic and Personal Service

Bell Boys	5
Bootblacks	3
Brass Polisher	1
Butlers	4
Caretakers	3
Checkers	2
Chefs	8
Cleaners	8
Cooks	18
Dish Washers	7
Door Man	1
Elevator Men	6
Escalator Manager	1
Floor Boy	1
Housemen	8
Kitchen Men	8
Managers, Institution	8
Messenger Boys	2
Orderlies, Hospital	20
Porters	3
Stewards	3
Sweepers	2
Waiters	16

Draftsmen

Draftsmen	2

Drug Factory

Filterer	1

Dye House

Dyers	2

Electricians and Electrical Engineers

Electrical Engineers	5
Electricians	14

Electrical Supply Company

Assemblers	3
Electrician's Helper	1
Helpers	2
Inspector	1
Pipe Fitter	1
Watts man	1

Engineers (mechanical)

Mechanical Engineers	2

Engineers (stationary)

Hoister	1
Stationary Engineers	22

Eyelet Factory

Eyelet Maker	1

Farmers

Farmers	54
Rancher	1

Firemen (not Locomotive or Fire Department)

Firemen	19

Fireworks Factory

Fuse Maker	1

Fishermen

Fishermen	13

Fish Market

Fish Cutters	2
Fish Skinner	1
Lobster Packer	1

Flax Mill

Machine Tender	1

Florists

Florist	1
Potter	1

Flour Mill

Dryer	1

Furniture Factory

Finisher	1

Garden Laborers

Gardeners	16

Gas Works

Boiler Room Helper	1
Laborer	1

Gas Mask Factory

Stitcher	1

Glass Company

Glazers	3
Stained Glass Worker	1
Stock Keeper	1

Glove Shop

Brusher	1
Finisher	1

Glue Factory

Mixer	1

Goldsmiths and Silversmiths

Chaser of Silver	1
Refiner of Gold	1

Guards, Watchmen, etc.

Custodian (museum)	1
Watchmen	14

Harness Shop

Harness Maker	1

Hosiery Mill

Machinist	1

Hostlers and Stable Hands

Stable Men	6

Ice Company

Icemen	7

Insurance

Agents	2
Collectors	3

Iron Foundry

Coal Heavers	2
Core Maker	1
Foundry Men	4
Galvanizer	1
Grinder	1
Heaters	2
Machine Tender	1

Molders	4
Sheet Iron Workers	3
Solderer	1
Sorter	1

Janitors and Sextons

Janitors	18
Sexton	1

Jewelers

Jeweler	1

Jewelry Factory

Mesh Maker	1
Polisher	1
Radium Painter	1
Stamper	1
Watch Makers	3

Keepers of Penal Institutions

Jail Keeper	1

Knife Factory

Grinder	1

Laborers

Garage Laborers	7
General Laborers	256
Street Pavers	84

Laundry

Dryer	1
Ironer	1
Laundrymen	3

Leather Factory

Cutters	2
Dresser	1
General Workers	8
Glazer	1
Japanner	1
Machinist	1
Skiver	1
Sorters	2
Tanners	2

Locksmiths

Locksmith	1

Lodging House Keepers

Lodging House Keeper	1

Longshoremen

Boat Loader	1
Laborer	1
Longshoremen	6

Lumbermen

Woodsmen	3

Lumber Mill

Millwrights	5

Machine Shop

Assembler	1
Benchmen	2
Bolt Maker	1
Drill Maker	1
Laborer	1
Machinists	72
Machinist's Helpers	7
Tool Makers	2

Managers of Transportation Companies

Manager of Automobile Company	1
Manager of Express Company	1
Managers of Garage	3
Manager of Trucking Company	1

Meat Market

Butchers	11
Sausage Maker	1

Mechanics

Mechanics	3

Metal Mine

Mill Runner	1

Metal Works

Enamelers	3
Metal Molders	4
Polisher	1

Navy Yard

Engineer	1
Laborers	2
Machinist	1

Painter	1
Rope Maker	1
Newsboys	
Paper Boy	1
Newspaper	
Editors	2
Pressmen	3
Proof Readers	2
Reporter	1
Nickle Plating Company	
Sprayer	1
Oil Company	
Pipe Man	1
Optical Factory	
Lens Maker	1
Painters	
Painters (unspecified)	29
Sign Painters	3
Paper Box Factory	
Box Maker	1
Press Hand	1
Paper Hangers	
Paper Hangers	3
Paper Mill	
Coater	1
Paper Makers	4
Paper Rulers	3
Sorter	1
Superintendents	2
Pattern Makers	
Wood Pattern Carver	1
Peddlers	
Fruit	2
Junk	11
Peddlers (unspecified)	5
Piano Factory	
Piano Makers	3
Pipe Factory	
Pipe Maker	1
Plasterers	
Plasterers	3
Plumbers and Steam Fitters	
Plumbers	10
Steam Fitters	9
Pool Room Keepers	
Managers	2
Printing Company	
Folder	1
Printers	10
Proof Readers	2
Tool Maker	1
Professional	
Architect	1
Ball Player	1
Clergymen	11
Dentists	5
Chemical Engineer	1
Genealogist	1
Inventor	1
Judge	1
Lawyers	10
Monk	1
Musicians	4
Nurses	6
Photographers	3
Physicians	56
Teachers	4
Trustee	1
Writer	1
Public Service	
City Tax Collector	1
Firemen	8
Letter Carriers	3
Police Officers	11
Postmaster	1
Special Officer	1
Superintendent of Streets	1
Tree Warden	1
Publishers	
Publisher	1
Quarries	
Slate Maker	1
Stone Cutter	1

Radio Company

General Worker	1

Raincoat Factory

Finisher	1

Real Estate

Agents	2

Retail Dealers

Fruit	9
Managers of Stores	6
Newspapers	1
Optician	1
Pharmacists	2

Rubber Factory

Boot Makers	3
Cementers	3
Coat Maker	1
Cutters	2
Foremen	4
Heelers	3
Laster	1
Machinist	1
Mixers	2
Spreader	1
Tanner	1
Trimmers	2

Sail Loft

Sail Maker	1

Sailors and Deck Hands

Deck Hand	1
Mariners	5
Seaman	1

Sales Agents

Sales Agent	1

Salesmen

Buyer	1
Salesmen	25

Saw Mill

Riveter	1

School of Aeronautics

Cadets	8

Ship Yard

Drillers	4
Fireman	1
Fitters	3
Laborers	2
Machinist	1
Reamer	1
Riveters	6
Ship Builders	3
Stage Builder	2
Timekeepers	2
Yard Hands	2

Shipping Clerks

Receiving Clerks	4
Shipping Clerks	24

Shoe Factory

Assemblers	3
Bottom Finisher	1
Buffers	4
Cutters	13
Edge Setters	6
Finishers	4
Foreman	1
Foxer	1
Heel Scourer	1
Heelers	2
Inspector	1
Lasters	13
Liner	1
Machine Operator	1
Nailer	1
Packers	2
Polishers	2
Puller-over	1
Rubber worker	1
Shanker	1
Shoemakers	13
Sole Fasteners	5
Sorter	1
Stamper	1
Stitchers	3
Stock Fitter	1
Superintendent	1
Treers	2
Trimmers	4
Vampers	4
Welt Beater	1

Shovel Factory

Polisher	1

Showmen

Athlete (trainer)	1

Shuttle Factory

Shuttle Maker	1

Silk Mill

Weavers	2

Slaughter House

Skinner	1

Starch Mill

Starch Maker	1

Steam Railroad

Agent	1
Baggage Masters	3
Brakemen	14
Car Cleaners	3
Car Repairers	3
Coal Shovelers	2
Conductors	5
Crossing Tenders	5
Dispatchers	1
Engineers	4
Firemen	9
Freight House Employees	12
Inspectors	2
Laborers	12
Machinists	3
Oiler	1
Porters	2
Postal Clerks	2
Section Foreman	1
Section Hands	4
Train Masters	3
Welder	1

Steel Works

Steel Wire Worker	1

Stone Cutters

Stone Cutters	2

Street Department

Foreman	1

Street Railroad

Motormen	7
Switchman	1

Students

Students	334

Sugar Refiners

Refiner	1

Suspender Factory

Weaver	1

Sweater Factory

Presser	1

Tack Factory

Feeder	1
Machine Operator	1

Tailor Shop

Tailors	34

Tannery

Beamers	2
Curriers	2
Finishers	2
Hide Trimmer	1
Laborers	2
Tacker	1

Teamsters, Truckmen, etc.

Expressmen	3
Furniture Movers	3
Piano Mover	1
Teamsters	56
Truckmen	5

Telegraph Operators

Testers	2

Telephone Company

Cable Splicer	1
Installer	1
Repairman	1
Tester	1

Textile Factory

Packer	1

Tinsmiths

Tinsmiths	5

Tool Shop

Machinist	1
Puncher Press Operator	1
Tool Maker	1

Umbrella Menders and Scissors Grinders

Scissors Grinder	1
Umbrella Repairer	1

Undertakers

Embalmer	1

United States Army

Cadets	3
Officers	4
Privates	9

United States Navy

Cadets (Aviation Corps)	12
Barber	1
Boatswain's Mate	7
Bookbinder	1
Captain	1
Carpenter's Mate	4
Coal Heaver	1
Cooks	11
Coxswains	2
Electricians	16
Engine Man	1
Ensign	1
Firemen	44
Gunners	4
Gunner's Mate	3
Landsmen Electrician, Radio	46
Machinists	9
Master-at-Arms	1
Mess Attendants	10
Musician	1
Painters	2
Pharmacist's Mate	2
Plumber	1
Quartermaster	1
Sailors	12
Seamen	164
Ship Fitter	1
Ship Master	1
Stewards	2
Water Tenders	4
Yeomen	7

Upholsterers

Upholsterers	6

Wholesale Dealers

Foods	1
Furniture	2
Grain	1
Lumber	3
Poultry	2

Wood Carvers

Wood Carvers	2

Woolen and Worsted Mills

Carders	2
Cutter	1
Dryers	2
Finishers	3
Machine Operators	3
Millwright	1
Overseer	1
Percher	1
Shearer	1
Sorters	7
Spinners	3
Stripper	1
Washer	1
Weavers	12

Unclassified

No occupation	970
Occupation unknown	163

FEMALE

Ammunition Factory

Inspector	1

Basket Factory

Basket Maker	1
Straw Worker	1

Belt Factory

Stitcher	1

Biscuit Factory

Labeller	1
Packer	1

Bleachery

Frame Hand	1

Book Bindery

Gold Layer	1

Box Factory

Machine Operator	1
Tiers	3

Brush Factory

Brush Makers	2

Burlap Factory

Patcher	1

Candy Factory

Dippers	5
Machine Tenders	2
Packers	5

Card Company

Folder	1
Paster	1

Clerical

Adding Machine Operator	1
Bookkeepers	7
Canvassers	2
Cashiers	3
Checker	1
Clerks	50
Secretaries	8
Stenographers	14

Clothing Factory

Button-hole Maker	1
Garment Maker	1
Stitchers	3
Waist Maker	1

Cotton Mill

Inspector	1
Spinners	4
Weavers	5

Department Store

Examiner	1
Saleswomen	21

Domestic and Personal Service

Attendants	4
Chambermaids	17
Cleaner	1
Companions	2
Cooks	28
Dish Washer	1
Elevator Operator	1
Hair Dressers	3
Housekeepers	25
Housework	99
Lady's Maids	8
Laundresses	16
Maids	39
Matrons (Institution)	3
Messenger	1
Nurse Maids	10
Probation Officer	1
Recorder	1
Waitresses	27

Dressmakers and Seamstresses

Designer	1
Dressmakers	7
Presser	1
Seamstresses	16

Drill Factory

Inspector	1

Electric Supply Factory

Lamp Maker	1

Fish Wharf

Packer	1
Weigher	1

Gelatine Factory

Forewoman	1

Glove Factory

Glove Makers	3

Hosiery Mill

Floor Girl	1
Inspector	1
Knitter	1
Looper	1
Mender	1

Inspectors (not otherwise classified)

Inspectors	5

Jewelry Factory

Box Cutter	1

Knitting Mill

Machine Operator	1

Machine Shop

Machinist	1

Millinery

Feather Curler	1
Stock Girls	2

Mop Factory

Mop Maker	1

Net and Twine Factory

Machine Operator	1

Printing

Press Feeder	1

Professional

Actresses	3
Anesthetist	1
Assistant in Dentist's Office	2
Chiropodists	3
Dietitians	2
Governesses	3
Hospital Superintendents	2
Librarian	1
Music Teachers	7
Nurses	204
Organists	2
Physical Culture Teacher	1
Physicians	4
Singer	1
Social Workers	9
Teachers	12
Tutors	6

Raincoat Factory

Inspector	1
Stitcher	1

Rubber Factory

Laster	1
Shoers	3
Tennis Maker	1

Shoe Factory

Caser	1
Cutters	4
Doubler	1
Gummer	1
Ironer	1
Liners	3
Packers	2
Painter	1
Perforator	1
Repairers	4
Stitchers	9
Sorter	1
Tackers	2
Upperer	1

Steam Railroad

Car Cleaners	3
Matron	1

Students

Students	21

Tack Factory

Machine Feeder	1

Tailor Shop

Trimmer	1

Telephone Company

Inspector	1
Operators	7

Tobacco Factory

Strippers	2

Toy Factory

Toy Maker	1
Box Maker	1

United States Navy

Yeowomen	12

Watch Factory

Cutter	1
Inspector	1

Woolen Mill

Burler	1
Sorters	2
Speeder	1
Spinner	1
Spooler	1
Weaver	1
Winder	1

Worsted Mill

Burler	1
Gill Box Tender	1

Unclassified

Housewives	1,301
No occupation	1,312
Sister in Convent	1
Unknown	237

Table No. 5

TABLE OF ADMISSIONS, DISCHARGES, AND RESULTS AT THE GENERAL HOSPITAL FROM JANUARY 1, 1885 TO JANUARY 1, 1919

Year.	Total Admitted.	Free.	Paying Board all the Time.	Paying Part of the Time.	Whole Number Treated.			Deaths.	Percentage on Total Admitted.	Greatest Total.	Least Total.	Average.	Admitted through Emergency Ward.	New Out-Patients.	Out-Patient Visits.
					Paying Board.	Paying Board Part of Time.	Free.								
1885	2327	1910	371	46	382	46	2044	192	8.25	184	147	167	443	17016	.....
1886	2580	2124	392	64	409	64	2283	192	7.44	206	133	173	471	17925	.....
1887	2814	2340	429	45	447	45	2523	245	8.70	217	150	185	490	18981	.....
1888	3256	2549	553	154	570	154	2731	277	8.50	215	156	193	496	19472	.....
1889	2419	2825	500	94	514	94	3016	285	8.33	227	170	207	530	22939	.....
1890	3381	2546	581	254	599	254	2719	278	8.13	225	158	198	601	22545	.....
1891	3203	2566	425	212	449	212	2748	268	8.36	233	175	208	595	25819	.....
1892	3325	2612	549	164	566	164	2793	298	8.96	219	171	201	588	26718	.....
1893	3524	2768	614	142	627	146	2949	320	9.06	222	175	203	677	26527	.....
1894	3406	2683	621	102	636	107	2860	320	9.04	237	192	213	566	27989	.....
1895	3749	2553	1028	168	1091	168	2687	344	9.17	236	173	205	585	29146	.....
1896	4304	3103	1061	140	1124	140	3237	384	8.03	256	200	227	617	29867	.....
1897	4079	2841	1126	112	1220	112	2980	361	8.37	259	212	235	823	29181	.....
1898	4807	2854	1778	175	1868	175	3010	430	8.51	304	212	253	943	28741	.....
1899	4816	2812	1781	223	1882	223	2981	407	8.00	284	236	261	958	31003	.....
1900	4640	2985	1442	213	1534	213	3136	449	9.19	286	235	261	1171	31043	.....
1901	5094	3349	1385	360	1466	360	3527	496	9.26	283	217	255	1169	27667	.....
1902	4936	3227	1429	280	1521	280	3398	411	7.90	284	217	254	1024	27662	.....
1903	5080	3222	1653	205	1737	205	3399	438	8.62	305	251	274	1240	27865	.....
1904	5204	3251	1761	192	1861	192	3433	469	9.01	301	237	276	1246	25020	106,175
1905	5096	3073	1858	165	1968	165	3213	451	8.85	301	236	277	1527	21874	110,631
1906	5075	2850	2050	175	2188	175	2968	489	9.61	303	226	272	1650	20010	99,251
1907	5517	3285	2057	175	2189	175	3429	471	8.53	307	252	279	1829	20358	107,063
1908	5362	3417	1837	108	1971	108	3558	465	8.65	323	252	291	1586	20729	116,008
1909	5871	3380	2227	264	2378	264	3525	451	7.68	313	261	288	1737	21518	121,327
1910	6092	3523	2223	346	2361	346	3685	450	7.38	317	262	289	1695	22302	124,584
1911	6495	3874	2114	507	2269	507	4005	475	7.31	320	260	295	2289	22232	135,809
1912	6629	3470	2583	576	2777	613	3779	470	7.00	316	270	294	1939	22639	136,095
1913	6251	3014	2507	730	2670	763	3116	428	6.80	327	281	305	1693	24887	147,428
1914	6413	3252	2400	761	2606	844	3499	425	6.60	339	290	318	1658	24957	158,090
1915	6503	3424	2119	960	2227	960	3642	405	6.20	340	247	312+	1423	29213	190,628
1916	6507	3047	2360	1100	2444	1193	3151	409	6.28	366	204	305+	1351	31061	201,375
*1917	6699	2549	3591	559	3720	682	2620	401	5.98	330	244	318+	1612	31104	205,524
1918	6702	1072	3820	1810	4003	1896	1123	578	8.62	431	226	328+	2031	25541	168,183

* Does not include Phillips House.

Total of patients in wards from the year 1821, 225,929.

REPORT OF THE GENERAL EXECUTIVE COMMITTEE

The General Executive Committee was established in April, 1912, in order that the medical activities of the hospital might be discussed and acted upon promptly by representative and responsible members of the staff and administration. Meetings have been held ordinarily once a week. In case of the prolonged absence of a member provision is made for an alternate. To aid in the understanding of questions, several persons from the staff and from outside the hospital have been invited to be present at meetings. On a few occasions members of the Board of Trustees have been present at a meeting, and at all times the path of communication between the two bodies has been open and easy, and is made more so by vote of the Trustees, as follows:

"That the General Executive Committee be instructed to send after each of its business meetings, to the Secretary of the Trustees, a full report of the proceedings thereat, including a statement of each motion made and of the person making the motion, the vote upon it, and, if the maker of the motion so requests, an abstract of the reasons therefor."

GRADUATE COURSES

In order that the relations of the hospital and the Graduate School of Harvard University may be satisfactorily maintained, the General Executive Committee of the hospital has a Sub-Committee in Graduate Courses consisting of one representative from the Medical Division, one from the Surgical Division, and an Assistant Resident Physician.

The Committee has supervision over all matters concerning graduate teaching in the hospital. It is

highly desirable that the clinical and laboratory facilities of the hospital be utilized in an educational way, in so far as is consistent with the primary function of the hospital, as a place for the care of the sick and injured.

MEDICAL DEPARTMENT

Owing to war conditions there has been little opportunity to do more than the routine work of the department, more especially because of the absence of so many of the staff. During the year, however, the space assigned last year to the clinical laboratories has been put to more organized use, and a number of investigations have been under way though not yet completed. These have been in large part related to the war, and chiefly studies of health in munition workers and in other work of importance to the Government. It has also been possible to take up again the work of the Industrial Clinic, temporarily closed last year owing to lack of personnel. During the last third of the year the Medical Department has been overwhelmed by the devastating influenza epidemic, but nevertheless some studies of the bacteriology and of some other features of the epidemic have been carried out.

INDUSTRIAL CLINIC

The Industrial Clinic has developed satisfactorily during the year. The clinic was established in March, 1916, as an outgrowth of the work done for the three preceding years by a worker of the Social Service Department. This clinic was temporarily closed June 8, 1917, because of a lack of men to do the work, due to war conditions.

CHILDREN'S MEDICAL DEPARTMENT

Three members of the department have been absent on war service; research has therefore been limited.

A new clinic at the request of this department has been established in the Orthopedic Department for the purpose of correcting improper posture in children. In coöperation with the Chemical Department, research work on human milk has been carried out with a view to establishing the normal and later determining to what limits pathology may go. Increase of beds in the house is necessary to lessen the handicap under which the department is working.

THE CLINIC FOR PULMONARY AND NON-PULMONARY TUBERCULOSIS

This clinic has been conducted throughout the year and has demonstrated the wisdom of its establishment. The success of the clinic has depended in no small degree upon the individual and personal contact of the authorities of the clinic with the patient. The chronic character of the diseased conditions treated makes this personal element very important.

DEPARTMENT OF SYPHILIS

There has been an increase in the number of patients and in the teaching activities. The daily average of arsphenamine injections now reaches 35–40. The use of one bed a day in the Emergency Ward for lumbar puncture has facilitated the study of spinal fluid. From January 1, 1918, to December 31, 1918, inclusive, there have been treated in the department 2,203 new patients — 1,289 direct admissions and 914 refers, transfers, consultations, etc. For the same period there have been 26,045 total visits made to the clinic, 3,490 Wassermann tests, and 6,114 arsphenamine injections.

DERMATOLOGICAL DEPARTMENT

One-third of the staff has been absent on war service. The war necessity limiting the interne service,

with at times the absence of the usual visiting nurse, handicapped somewhat the department. The work of the clinic secretaries was very valuable. Research, while diminished, was carried on. Study was made of the rôle of metabolism and vaso-motor conditions in the production of skin diseases, especially psoriasis, and the application of research facts discovered to practical use in treatment. The efficiency of the department was aided through donations in maintaining its visiting nurse, the emergency fund and the department stenographer. Studies have been carried on upon skin diseases which may depend or arise from endocrinous glandular disturbance. Good progress has been made upon a book of dermatology planned on the "case method"; mechanical methods of the treatment of skin diseases, further studies of prurigo, and the hitherto unsuspected prevalence of eruptions due to the epidermophytinguinale have occupied the attention of the department.

NEUROLOGICAL DEPARTMENT

Four members of the department have during the past year been on war service. The clinic has, as in previous years, placed cases of similar character under the jurisdiction of one man. The subjects of the relation of gastro-intestinal conditions to epilepsy, peripheral nerves and their injuries, and special treatment of syphilis of the central nervous system have been grouped and studied. The department has treated a considerable number of nerve injuries of returned soldiers and sailors, referred from the Naval Hospital. More facilities for the study of difficult and bed-ridden cases are needed.

Dr. James Jackson Putnam, founder of the Neurological Department, died November 4. Although for some years he had not taken an active part in the work of the clinic, his interest, especially in the de-

velopment of the Social Service Department, was active up to the time of his death. After his retirement, by reason of age, he was appointed Consulting Neurologist. The department and the hospital lose in him a man devoted to their interests.

SURGICAL DEPARTMENT

The general surgical services have been conducted satisfactorily despite the absence of men in military work. Several surgeons, former house officers of the hospital, have volunteered their services in the Out-Patient Department and have thus contributed to a smooth conduct of these clinics. Men of the Medical Reserve Corps of the Army have been assigned by the Surgeon-General of the United States Army to this hospital for special instruction, and members of the Surgical Department and the Orthopedic Department and others have given liberally of their time to this important work.

During the past year there has been established upon the Surgical Division a complete system for the carrying out of the Carrel-Dakin treatment of septic wounds. The treatment is being employed in all suitable cases. The results thus far have been very satisfactory.

ORTHOPEDIC DEPARTMENT

Four of the members have been on war duty. There have been about 198 medical officers assigned by the Surgeon-General for an intensive course in orthopedics. The Chief of the Department is still serving as the head of the orthopedic work in America in connection with the United States Army.

INFANTILE PARALYSIS CLINIC

This clinic has been of great service the past year. The Children's Ambulance Service has facilitated the

work. There have been six thousand treatments given at the hospital to this group of patients. Twelve hundred treatments have been given outside the hospital. An efficient corps of trained workers has accomplished much in this important reconstruction work.

ALGERNON COOLIDGE
DAVID L. EDSALL
CHARLES L. SCUDDER
CHARLES A. PORTER
WILLIAM H. SMITH
JOSEPH B. HOWLAND [*Secretary*]
General Executive Committee.

REPORT OF THE PATHOLOGICAL LABORATORY

The usual routine bacteriological, chemical, microscopical, and pathological examinations in connection with the study of diseases of the patients in the hospital have been carried on as in previous years.

During the year 109 autopsies, one of which was from the Massachusetts Charitable Eye and Ear Infirmary, were performed in the laboratory and the post-mortem appearances recorded. The percentage of autopsies among the deaths occurring in the hospital is 17.6 per cent, as compared with 30 per cent in 1917. This continued small proportion of cases in which an autopsy was permitted is to be regretted, for it hampers the progress of medical knowledge among the physicians, surgeons, and students who frequent the hospital, and also lessens the value for medical research of the clinical records of the hospital.

Of microscopical preparations from autopsy material, 1,571 have been prepared and filed during the year, as compared with 1,597 in 1917.

Reports rendered for bacteriological examinations for the micro-organisms of diphtheria, typhoid fever, and other diseases number 3,068. There were 2,100 in 1917.

For testing various specimens for the presence of tubercle bacilli, 120 guinea pigs were used. In 1917 the number was 166. This decrease in the number of guinea pigs used for this purpose is probably due to the increased use of the direct microscopical examination of centrifugated urine.

Reports of gross and microscopical appearances and

the pathological diagnosis of 1,608 specimens from the medical and surgical clinics were rendered. From this material 2,044 microscopical preparations were made and filed. The corresponding figures for 1917 were 1,130 and 2,647.

The number of specimens of blood tested for evidence of infection with syphilis is 11,106 as compared with 11,239 in 1917; 392 specimens of blood were also tested for evidence of infection with gonorrhea; some of these specimens came from the Massachusetts Charitable Eye and Ear Infirmary and the Peter Bent Brigham Hospital.

Chemical examinations of specimens to the number of 1,426 were made by Dr. W. Denis as against 1,194 in 1917.

Other statistics are:

Complement fixation tests for infection with Tenia echinococcus, 50 as compared with 17 in 1917.

Bacteriological tests of milk, 48.

The treatment of patients with bacterial vaccines has been continued, and during the year 174 cases were so treated as compared with 139 in 1917.

The facilities and material offered by the laboratory for the instruction of physicians and students of the Harvard Medical School in bacteriology, pathology, and diagnosis by laboratory methods have continued to be extensively utilized.

The weekly conferences and discussions of clinico-pathological aspects of the cases conducted in the amphitheatre of the laboratory before fourth-year students and others have been continued during the academic year and extended through the summer months, in accordance with the war schedule of the Harvard Medical School. These exercises have been conducted by Drs. Oscar Richardson, W. H. Smith, and E. L. Young, Jr. The attendance has been good and much interest has been manifested.

The course in medicine and pathology for practi-

tioners given by Drs. W. H. Smith and Oscar Richardson in the spring was well attended, but the course in the fall was broken up by the epidemic of influenza.

The conferences and courses above mentioned are held in the amphitheatre of the laboratory. The considerable number of (sometimes more than fifty) persons attending and the increasing demand for preserved specimens for teaching makes space for hanging hats and coats and for storage of specimens desirable.

Dr. H. F. Hartwell, in addition to his work as Surgical Pathologist, has continued the collection and preservation of specimens for teaching purposes.

Dr. A. E. Steele has instructed two students in the preparation and use of bacterial vaccines.

Instruction in pathology to sections of second-year men and special courses to six students of the Harvard Medical School have been given by Dr. J. H. Wright, who has also given some of the lectures at the Harvard Medical School in second-year courses in pathology.

The room in the laboratory for students in clinical medicine has continued to be used by them during their courses.

The following publications based in whole or in part on observations and studies made in the laboratory have appeared during the year on the following subjects:

"Pathological Technique," Seventh Edition, by Drs. F. B. Mallory and J. H. Wright; "The Determination of Creatinine and Creatine in Blood," by Dr. W. Denis; "The Determination of Lactose in Milk," by Drs. Otto Folin and W. Denis; "Cholesterol in Milk," by Dr. W. Denis and A. S. Minot; "Note on the Carbon Dioxide Content of Urine," by Dr. W. Denis and A. S. Minot; "Ammonia Excretion as Influenced by Ingestion of Alkalies," by Dr. W. Denis and A. S. Minot.

The circulation of the "Case Records" reporting the weekly clinico-pathological exercises held in the laboratory has greatly increased during the year.

Of other special studies and work carried on in the laboratory and not represented in the foregoing list of publications, the following may be mentioned:

Dr. H. F. Hartwell has continued his work in the late manifestations of experimental syphilis in the rabbit and on certain special problems in surgical pathology.

Dr. W. Denis has worked on the development of new methods for the analysis of breast milk, and on the application of these methods to clinical material; on the development of new methods for chemical blood analysis, more particularly in connection with the determination of creatinine and of iron, and on a study of calcium in blood.

Dr. J. H. Wright has studied modifications of the Wassermann test for syphilis and improved methods for detecting spirochaetes in lesions.

Respectfully submitted,

J. Homer Wright, M.D., S.D.,
Pathologist.

REPORT OF THE ROENTGENOLOGICAL DEPARTMENT

There has been a slight increase in the number of cases referred to this department for X-ray examination and treatment from all departments of the hospital excepting the house, which show a marked decrease for the year. This was to be expected, as all investigated work not absolutely necessary has been discontinued for the duration of the war.

Several changes have occurred in the medical staff of the department. Dr. James F. Boyd, after twelve months' full-time service as Volunteer Assistant, has been appointed Acting Assistant Roentgenologist. The service, which he gave freely during a very trying period, has been of great help to the department.

Dr. E. D. McCarty, upon the completion of his appointment as House Physician, accepted the position of Roentgenologist to the Peter Bent Brigham Hospital, and Dr. Herman A. Osgood has been appointed in his place.

Dr. Frank Anderson was appointed Volunteer Assistant to the department in September, 1918, and has given full-time service since that date.

In addition to these medical men, the department wishes to acknowledge the help which it has received from the young men who have volunteered to assist as technicians.

The regular weekly clinics for undergraduates have been continued throughout the school year. Two members of the fourth-year class chose Roentgenology as an elective and each were given one month of instruction. Fourteen physicians were given one month or more post-graduate work.

In addition to the regular teaching, lectures and clinics were given throughout the greater part of the year to medical officers of the United States Army, who were assigned to the Harvard Medical School for instruction in orthopedic surgery.

In connection with the Selective Draft, two hundred and forty-six recruits were examined for diseases of the chest or gastro-intestinal tract, as a part of the work of Medical Advisory Board No. 7.

During the recent influenza epidemic arrangements were made for the study of these cases, and one hundred and six patients were given such help as can be obtained from a complete radiographic examination. In addition to the direct benefit to the patients, I believe that this work (in connection with similar work done at other hospitals) has helped somewhat in completing the pathological picture of the disease.

Recently, after discussion with the Executive Committee of the hospital, it was decided to dispose of X-ray plates which had been on file for ten years or over. This step seemed necessary because of the difficulty in storing and caring for the constantly increasing number of plates. With the money raised from the sale of these plates, an additional unit was equipped in the therapeutic branch of the department.

This part of the work, as mentioned in the report of 1917, has become of much greater importance since the introduction of the Coolidge tube, and the demand for treatment has steadily increased.

In addition to the statistical report, which will be found on page 169, some facts regarding the character of the work done may be of interest.

There were 484 cases examined for diseases of the urinary tract, and of these 342 were negative. About the same proportion of positive and negative cases were reported last year. This is a much higher percentage of negative findings than occurred in other branches of the work. For instance: in the gastro-

intestinal examinations only 593 cases were found to be negative out of 1,382 examined. The figures would seem to indicate that negative X-ray findings are of greater value in the examination of the urinary tract than in other parts. Of the cases referred for examination of the heart and great vessels, the most frequent lesion found was aortitis. Forty-four cases of this disease were seen. The diagnosis of gastric cancer was made 62 times. Only one other lesion of the gastro-intestinal tract has exceeded this in the number of cases seen, — namely, duodenal ulcer, of which there were 122 cases.

By far the greater number of cases referred for treatment have been malignant disease in some form. Usually the treatment has followed operation, either as a preventative of or as a means of relief from recurrences.

The most common lesion was carcinoma of the breast, of which 43 cases are being treated.

I would again call attention to the increasing value of this form of treatment and to the need of better facilities for combining its use with that of radium and surgery in the treatment of malignant disease.

The number of private patients of moderate means referred by members of the staff for examination or treatment has steadily increased. If this branch of the work is to be continued, additional space and equipment adapted especially for the work should be provided.

Respectfully submitted,

GEORGE W. HOLMES, M.D.,
Roentgenologist.

LIST OF STAFF PUBLICATIONS.

MEDICAL REPARTMENT

DAVID L. EDSALL, M.D.

Medical-industrial relations of the war. Bull. Johns Hop. Hosp., 1918, xxix, 197.

Physical effects of the pneumatic hammer. Pub. Health Reports, 1918, xxxiii, 394.

JOHN B. HAWES, 2D, M.D.

Are sanatoria worth while? By B. W. Billings and J. B. Hawes, 2d. Amer. Rev. of Tuberc., 1918, i, 663.

Clinic for the treatment of non-pulmonary tuberculosis in out-patient and dispensary practice. Internat'l Clinics, 1918, i.

Diagnosis of tuberculosis in war times; value of physical signs. Interstate Med. Jour., 1918, xxv, 73.

Early diagnosis of pulmonary tuberculosis. Med. Clin. of North Amer., 1918, i, no. 4, 1035.

Pain in the chest with special reference to pulmonary tuberculosis. Amer. Rev. of Tuberc., 1918, ii, 380.

Present needs of the tuberculosis campaign in Massachusetts. Bos. M. & S. J., 1918, clxxix, 123.

Random remarks on tuberculosis. Bos. M. & S. J., 1918, clxxviii, 589.

Treatment of non-pulmonary tuberculosis. Internat'l Clinics, 1918, i, 16.

Value of the physician and of the nurse in social service work in tuberculosis; the responsibility of each to the State and to the patient. Bos. M. & S. J., 1918, clxxviii, 381.

When does an individual become a case of tuberculosis from a board of health point of view, and when does he cease so to be? Amer. Rev. of Tuberc., 1918, ii, 622.

ROGER I. LEE, M.D.

Case for the more efficient treatment of light casualties in military hospitals. Mil. Surg., 1918, xlii, 283.

GEORGE R. MINOT, M.D.

Attempt to prevent influenza at Harvard College. By G. R. Minot and R. F. Loeb. Bos. M. & S. J., 1918, clxxix, 665.

Pathologic hemorrhage; group of cases illustrating this condition with a note on the early diagnosis of pernicious anemia. Med. Clin. of North Amer., 1918, i, no. 4, 1103.

JOSEPH H. PRATT, M.D.

Digitalis therapy. Jour. A.M.A., 1918, lxxi, 618.

Importance of prolonged bed rest in the treatment of pulmonary tuberculosis. Amer. Rev. of Tuberc., 1918, i, 637.

Physical examination in pulmonary tuberculosis. Bos. M. & S. J., 1918, clxxviii, 519.

Tuberculosis as an army problem. By L. Brown and J. H. Pratt. Mil. Surg., 1918, xliii, 139; & Amer. Rev. of Tuberc., 1918, ii, 335.

FRANCIS M. RACKEMANN, M.D.

Clinical study of 150 cases of bronchial asthma. Bos. M. & S. J., 1918, clxxviii, 770; & Arch. of Intern. Med., 1918, xxii, 517.

Relation of circulating antibodies to serum disease. By W. T. Longcope and F. M. Rackemann. Jour. Exper. Med., 1918, xxvii, 341.

ANDREW W. SELLARDS, M.D.

Amebic dysentery and associated conditions. Med. Clin. of North Amer., 1918, i, no. 4, 1125.

Clinical significance of the irregular distribution of various cells and parasites in the blood stream and the production of abortive leukaemic changes and of splenectomy in the macacus rhesus. By A. W. Sellards and W. A. Baetjer. Bull. Johns Hop. Hosp., 1918, xxix, 135.

Investigations of tropical sunlight, with special reference to photodynamic action. Jour. Med. Res., 1918, xxxiii, 293.

Selective action of dilute sodium hydroxid on certain races of the pneumococcus. Jour. A.M.A., 1918, lxxi, 1301.

Treatment of amoebic dysentery with Chaparro Amargosa (Castela Nicholsoni of the family Simarubaceae). By A. W. Sellards and M. A. McIver. Jour. of Pharm. & Exper. Therap., 1918, xi, 231.

WILLIAM H. SMITH, M.D.

Differential diagnosis of pulmonary tuberculosis. Bos. M. & S. J., 1918, clxxviii, 1.

Some factors in the diagnosis of cardiac conditions. R. I. Med. Jour., 1918, ii, 1.

LESLEY H. SPOONER, M.D.

Bacteriology of tuberculous kidneys. Jour. Med. Res., 1918, xxxiv, 59.

Serum treatment of type I pneumonia occurring in associa-

tion with an epidemic of influenza. By L. H. Spooner, A. W. Sellards, and J. H. Wyman. Jour. A.M.A., 1918, lxxi, 1310.

RICHARD P. STRONG, M.D.

Trench fever; report of Commission Medical Research Committee, American Red Cross. Prepared for publication by Richard P. Strong. Oxford University Press, 1918.

DEPARTMENT OF SYPHILIS

HENRY D. LLOYD, M.D.

Primary syphilis of eyelid, with report of a case. Bos. M. & S. J., 1918, clxxviii, 609.

C. MORTON SMITH, M.D.

"Venereal disease"? By C. M. Smith and O. M. Lewis. Bos. M. & S. J., 1918, clxxix, 525.

CHILDREN'S MEDICAL DEPARTMENT

WILLIAM R. P. EMERSON, M.D.

Scales, a tape-measure, and conservation. New Republic, 1918, June 29.

Standardized physical examinations. Arch. of Ped., 1918, xxxv, 411.

Treatment of enuresis without drugs, with a report of 34 consecutive recoveries. Amer. Jour. Dis. of Child., 1918, xv, 339.

ARTHUR A. HOWARD, M.D.

Influenza among children as seen in private practice. Bos. M. & S. J., 1918, clxxix, 783.

WARREN R. SISSON, M.D. (See also Publications by RICHARD M. SMITH.)

Critical review of intestinal bacteriology in relation to certain diarrheas of infants. Bos. M. & S. J., 1918, clxxviii, 492.

Variations in the lipoid ("fat") content of the blood of infants under certain nutritional conditions. By W. McK. Marriott and W. R. Sisson. Amer. Jour. Dis. of Child., 1918, xvi, 75.

RICHARD M. SMITH, M.D.

Case with vascular, joint, muscle and skin disturbances of uncertain etiology. By R. M. Smith and W. R. Sisson. Amer. Jour. Dis. of Child., 1918, xvi, 307.

Infant feeding. The Commonwealth, 1918, v, 260.

Massachusetts Child Conservation Committee: Details of organization and work. Amer. Jour. Dis. of Child., 1918, xvi, 253.

Pyelitis of infancy. Med. Clin. of North Amer., 1918, i, no. 4, 1165.

Social service and follow-up work. Bos. M. & S. J., 1918, clxxix, 233.

FRITZ B. TALBOT, M.D.

Diet of older children. The Commonwealth, 1918, v, 266.

Eczema in childhood. Med. Clin. of North Amer., 1918, i, no. 4, 985.

Energy metabolism of an amaurotic family idiot. Amer. Jour. Dis. of Child., 1918, xvi, 39.

Extremes in infant feeding, the present tendencies. Bos. M. & S. J., 1918, clxxix, 35.

Influenza among children as seen in a hospital ward. Bos. M. & S. J., 1918, clxxix, 779.

Kala-azar in a child (the first American case). By F. B. Talbot and A. B. Lyon. Amer. Jour. Dis. of Child., 1918, xvi, 154.

Relation of food idiosyncrasies to the diseases of childhood. Bos. M. & S. J., 1918, clxxix, 285.

J. HERBERT YOUNG, M.D.

Care and development of children. The Commonwealth, 1918, v, 270.

SURGICAL DEPARTMENT

FREEMAN ALLEN, M.D. (See Publications by GEORGE GILBERT SMITH; Genito-Urinary Department.)

GEORGE W. W. BREWSTER, M.D.

Right colectomy. Ann. of Surg., 1918, lxviii, 203.

WILLIAM P. COUES, M.D.

Philibert Joseph Roux. 1780–1854. Med. & Surg., Dec., 1918.

Skeletal radiography as an aid to diagnosis. Amer. Jour. Syph., 1918, ii, 97.

ROBERT B. GREENOUGH, M.D.

A course for student medical officers. U. S. Naval Med. Bull., 1918, xii, 141.

Radium in the treatment of carcinoma of the buccal cavity. Bos. M. & S. J., 1918, clxxviii, 598; and Radium, 1918, xi, 89.

Report of results of radium treatment at the Collis P. Huntington Memorial Hospital by the Cancer Commission of Harvard University. Radium, 1918, xi, 1.

DANIEL F. JONES, M.D.

Rôle of the evacuation hospital in the care of the wounded. Ann. of Surg., 1918, lxviii, 127.

WILLIAM J. MIXTER, M.D. (See Publications by ELLIOTT G. BRACKETT; Orthopedic Department.)

EDWARD P. RICHARDSON, M.D.

American Medical Biographies: Maurice Howe Richardson. 1851–1912. Bos. M. & S. J., 1918, clxxix, 649.

EDWARD H. RISLEY, M.D.

Importance of the workingman's hand and its treatment when involved in sepsis. Interstate Med. Jour., 1918, xxv, 287.

CHANNING C. SIMMONS, M.D.

Delay in the surgical treatment of cancer. Bos. M. & S. J., 1918, clxxix, 639.

BETH VINCENT, M.D.

Rapid macroscopic agglutination test for blood groups, and its value in testing donors for transfusion. Jour. A.M.A., 1918, lxx, 1219.

WYMAN WHITTEMORE, M.D.

Surgical treatment of empyema. Bos. M. & S. J., 1918, clxxviii, 360.

ORTHOPEDIC DEPARTMENT

Z. B. ADAMS, M.D.

The special training battalion of the 26th Division, A.E.F. Amer. Jour. Orthop. Surg., 1918, xvi, 427.

ELLIOTT G. BRACKETT, M.D.

Operative treatment of fracture of the spine uncomplicated by cord injury. By E. G. Brackett, W. J. Mixter and J. C. Wilson. Ann. of Surg., 1918, lxvii, 513.

Rehabilitation of diseased and injured soldiers due to the war. Amer. Jour. Pub. Health, 1918, viii, 11.

C. HERMANN BUCHOLZ, M.D.

Anthrodesis of the shoulder joint. Amer. Jour. Orthop. Surg., 1918, xvi, 364.

HERMAN W. MARSHALL, M.D.

Back troubles: review of the present situation from a series of hospital cases; and a discussion of musculo-ligamentous causes. Bos. M. & S. J., 1918, clxxviii, 279.

Revised ideas concerning foot defects and orthopedic footwear. Bos. M. & S. J., 1918, clxxviii, 428.

Structural deformities *versus* functional efficiencies as objects of treatments. Bos. M. & S. J., 1918, clxxviii, 708.

ROBERT B. OSGOOD, M.D.

Excisions of septic joints. Amer. Jour. Orth. Surg., 1918, xvi, 323.

Medical work with the American Expeditionary Forces. Mil. Surg., 1918, xliii, 369.

Orthopedic centres of Great Britain and their American medical officers. Amer. Jour. Orth. Surg., 1918, xvi, 132.

Transport splints of the American Army. Jour. A.M.A., 1918, lxxi, 734.

FREDERICK C. SHATTUCK, M.D.

Acute lobar pneumonia. By F. C. Shattuck and C. H. Lawrence. Bos. M. & S. J., 1918, clxxviii, 245.

Cinq ans après. Bull. Johns Hop. Hosp., 1918, xxix, 77.

GENITO-URINARY DEPARTMENT

J. DELLINGER BARNEY, M.D.

Acute colon bacillus infection of the urinary tract. Jour. A.M.A., 1918, lxxi, 1642.

Genital tuberculosis. Cabot's Modern Urology, vol. i, 498.

Infections of the testicle. Cabot's Modern Urology, vol. i, 485.

Simple method of performing external perineal urethrotomy. Surg., Gynecol. & Obstet., 1918, xxvi, 232.

HUGH CABOT, M.D. (Editor).

Modern Urology. 2 vols. Lea & Febiger, Phil., 1918.

RICHARD F. O'NEIL, M.D.

Tuberculosis of the kidney and ureter. Cabot's Modern Urology, vol. ii, 493.

GEORGE GILBERT SMITH, M.D.

Anatomy and physiology, malformations, injuries and torsion of the testicle. Cabot's Modern Urology, vol. i, 417.

Spinal anesthesia in genito-urinary surgery. By G. G. Smith and Freeman Allen. Urolog. & Cutan. Rev., 1918, xxii, 615.

EDWARD L. YOUNG, JR., M.D.

Bilharziosis. Cabot's Modern Urology, vol. ii, 483.
Echinococcus. Cabot's Modern Urology, vol. ii, 487.
Urinary frequency. Urolog. & Cutan. Rev., 1918, xxii, 262.

NEUROLOGICAL DEPARTMENT

JAMES B. AYER, M.D.

Focal transverse lesions of the spinal cord. Med. Clin. of North Amer., 1918, i, no. 4, 1143.
Rational use of lumbar puncture and interpretation of findings. Jour. of Nerv. & Men. Dis., 1917, xlvi, 429. (Not recorded on 1917 list; appeared too late.)

L. EUGENE EMERSON, Ph.D.

Nervousness: its causes, treatment and prevention. Little, Brown & Co., Boston, 1918.
Origin, development and disappearance of system of delusions. Jour. Abnor. Psychol., 1918, xiii, 23.

EDWARD W. TAYLOR, M.D.

Obituary: James Jackson Putnam, M.D. Bos. M. & S. J., 1918, clxxix, 809.
Psycho-analysis. Jour. Abnor. Psychol., 1918, xii, 361.

LARYNGOLOGICAL DEPARTMENT

HARRY A. BARNES, M.D.

Vincent's angina. Med. Clin. of North Amer., 1918, i, no. 4, 997.

JOSEPH L. GOODALE, M.D.

Present status of immunization in hay fever. Bos. M. & S. J., 1918, clxxix, 293.

HARRIS P. MOSHER, M.D.

Otolaryngology in the first year of the war; an informal report. Jour. A.M.A., 1918, lxxi, 1872.

WALTER B. SWIFT, M.D.

New treatment for paralysis agitans. Bos. M. & S. J., 1918, clxxix, 644.

DERMATOLOGICAL DEPARTMENT

JOHN T. BOWEN, M.D.

Progress in dermatology. Bos. M. & S. J., 1918, clxxviii, 20, 740; and clxxix, 734.

CHARLES J. WHITE, M.D.

Acne rosacea or syphilis. International Clinics, 1918, ii, 100.

Acne varioliformis. International Clinics, 1918, ii, 104.

Dermatitis factitia. International Clinics, 1918, ii, 97.

Dermatitis herpetiformis. International Clinics, 1918, ii, 98.

Erythema induratum. International Clinics, 1918, ii, 102.

Erythema nodosum. International Clinics, 1918, ii, 105.

Lupus vulgaris. International Clinics, 1918, ii, 100.

Mycosis fungoides. International Clinics, 1918, ii, 99.

Nuchal eczema. International Clinics, 1918, ii, 103.

Premature loss of hair. Med. Clin. of North Amer., 1918, i, no. 4, 971.

Spindle-celled sarcoma. International Clinics, 1918, ii, 103.

Treatment of eczema in childhood. Bos. M. & S. J., 1918, clxxviii, 5.

ROENTGENOLOGICAL DEPARTMENT

GEORGE W. HOLMES, M.D.

Case of multiple abscesses of the lung with spontaneous cure. Amer. Jour. Roentgenol., 1918, v, 344.

Examination of the heart and great vessels by means of the X-ray. Med. Clin. of North Amer., 1918, i, no. 4, 1197.

Intracranial aerocele following fracture of the frontal bone; with a report of a case. Amer. Jour. Roentgenol., 1918, v, 384.

Osteomalacia; its Roentgenographic appearance and classification. Amer. Jour. Roentgenol., 1918, v, 507.

Use of the X-ray in the examination of the heart and aorta. Bos. M. & S. J., 1918, clxxix, 478.

X-ray appearances in influenza. Case Records, Mass. Gen'l Hosp., 1918, iv, no. 52, pt. 4.

X-rays in phthisis. Bos. M. & S. J., 1918, clxxviii, 71.

PATHOLOGICAL DEPARTMENT

WILLEY DENIS, Ph.D. (See also Publications by OTTO FOLIN.)

Ammonia excretion as influenced by the ingestion of alkalies. By W. Denis and A. S. Minot. Jour. Biol. Chem., 1918, xxxv, 101.

Cholesterol in milk. By W. Denis and A. S. Minot. Jour. Biol. Chem., 1918, xxxvi, 59.

Determination of creatinine and creatine in blood. Jour. Biol. Chem., 1918, xxxv, 513.

Note on the carbon dioxide content of urine. By W. Denis and A. S. Minot. Jour. Biol. Chem., 1918, xxxiv, 569.

Otto Folin, Ph.D.

Copper phosphate mixtures as sugar reagents. A qualitative test and a quantitative titration method for sugar in urine. By O. Folin and W. S. McEllroy. Jour. Biol. Chem., 1918, xxxiii, 513.

Determination of lactose in milk. By O. Folin and W. Denis. Jour. of Biol. Chem., 1918, xxxiii, 521.

J. Homer Wright, M.D.

Pathological technique. By F. B. Mallory and J. H. Wright. Edit. 7. W. B. Saunders Co., Phila., 1918.

George S. Derby, M.D.

Effects of "mustard gas" on the eyes. Amer. Jour. Med. Sc., 1918, clvi, 733.

RULES FOR ADMISSION, ETC.

Applications for admission of all patients, except to Phillips House, should be made at The Moseley Memorial Building, Fruit Street, Boston, on week days between the hours of 9 A.M. and 3 P.M.

Emergencies and recent accidents admitted at all hours.

Applications from a distance should be made in writing, accompanied by a full description of the case by the attending physician, with reason of the physician for thinking hospital treatment desirable, and when a free bed is needed, by a statement of the pecuniary condition of the patient. Always wait for a reply before sending the patient.

Contagious cases are not admitted to the hospital, and only such chronic cases as can be partially relieved by temporary treatment.

Paying patients in rooms will be charged $35 per week. In the general wards the rate of board to paying patients is $17.50 per week. These rates, covering only expenses of board and lodging, may be increased or abated in individual cases by the Resident Physician.

In cases requiring gratuitous treatment no charge will be made.

An ambulance, accompanied by a medical officer, will be despatched to any point within the city proper for the conveyance of cases of accident or urgent sickness, not contagious, to this hospital, or elsewhere, upon notice from a physician, the police, or other respon-

sible source, subject to the approval of the Resident Physician.

The Out-Patient Department is for the poor only and is open from 8.30 to 10 in the morning, Sundays and holidays excepted.

Phillips House. All inquiries concerning the admission of private patients should be made to the Resident Physician, Massachusetts General Hospital.

There is a separate entrance for this department at 265 Charles Street. Telephone service is also separate. All inquiries for private patients should be made through "Haymarket," 4490, and not through the regular hospital exchange.

Ambulance service is provided.

The private ward is for the treatment of general medical and surgical diseases and obstetrical cases. Contagious diseases, cases of alcoholism and drug habit are not admitted.

Patients in the Phillips House may be attended only by members of the staff and alumni of the hospital.

DALTON SCHOLARSHIPS

THE income of this fund, amounting to $1,000 annually, is devoted to investigation in the science of medicine. The rules of the Trustees applicable to it are as follows:

ARTICLE 1. Candidates shall be nominated to the Board of Trustees by the General Executive Committee with their recommendations. They shall be either internes of the General Hospital or male graduates of a regular American Medical College.

ARTICLE 2. The nature of the work in medical investigation proposed to be prosecuted by each candidate shall be designated by the candidate.

ARTICLE 3. The Scholarship year shall begin September 15th. Scholars shall work not less than ten hours per week, from the last Wednesday in September to the last Wednesday in June; and if a scholar performs a part only of this prescribed work, he shall be entitled to a proportionate part only of the income.

ARTICLE 4. The results of work of scholars shall appertain to the Hospital, and when made public the name of the scholar shall accompany the publication, but no publication shall be made unless approved by the General Executive Committee.

ARTICLE 5. When the income is insufficient, appointments for the year may be omitted.

ARTICLE 6. Any income not used shall be cumulative and not added to the principal.

ARTICLE 7. Scholars shall be eligible for renomination and reappointment.

Further information may be had by applying to the Resident Physician of the Massachusetts General Hospital.

WARREN TRIENNIAL PRIZE

MASSACHUSETTS GENERAL HOSPITAL

THE Warren Triennial Prize was founded by the late Dr. J. Mason Warren in memory of his father, and his will provides that the accumulated interest of the fund shall be awarded every three years to the best dissertation considered worthy of a premium, on some subject in Physiology, Surgery, or Pathological Anatomy; the arbitrators being the General Executive Committee of the Massachusetts General Hospital.

Theses submitted for competition for the year 1922 shall be on some special subject in Physiology, Surgery, or Pathology.

Dissertation must be in either the English, French, or German language, and must be typewritten and suitably bound, so as to be easily handled. Work that has been published previously will not be considered in competition. The name of the writer must be enclosed in a sealed envelope, on which must be written a motto corresponding with one on the accompanying dissertation.

Any clew given by the dissertation, or any action on the part of the writer which reveals his name before the award of the prize, will disqualify him from receiving the same.

The amount of the prize for the year 1922 will be $500.

In case no dissertation is considered sufficiently meritorious, no award will be made. Dissertations will be received until April 15, 1922.

A high value will be placed on original work.

FREDERIC A. WASHBURN,
Resident Physician.

MASSACHUSETTS GENERAL HOSPITAL

OUT-PATIENT REPORT

FOR THE YEAR ENDING DECEMBER 31, 1918

NUMBER OF NEW PATIENTS, 25,440

Men, 11,514	Women, 9,001		Children, 4,925
American,	13,512	Foreign,	11,928
Residents of Boston,	12,475	Residents of other places,	12,965

Total attendance, 168,183

	Male Surgical.		
No. of new patients,	3,155	No. of subsequent visits,	15,150
	Female Surgical.		
No. of new patients,	2,495	No. of subsequent visits,	12,513
	Male Medical.		
No. of new patients,	3,082	No. of subsequent visits,	6,925
	Female Medical.		
No. of new patients,	3,502	No. of subsequent visits,	8,531
	Skin.		
No. of new patients,	1,862	No. of subsequent visits,	6,407
	Nerve.		
No. of new patients,	946	No. of subsequent visits,	8,293
	Laryngological.		
No. of new patients,	2,825	No. of subsequent visits,	10,086
	South Medical.		
No. of new patients,	1,363	No. of subsequent visits,	22,266
	Dental.		
No. of new patients,	180	No. of subsequent visits,	1,991
	Orthopedic.		
No. of new patients,	2,599	No. of subsequent visits,	10,942
	Genito-Urinary.		
No. of new patients,	1,342	No. of subsequent visits,	21,223
	Children's Department.		
No. of new patients,	2,089	No. of subsequent visits,	5,175
	Massage.		
		No. of subsequent visits,	7,007
	Tuberculin Clinic.		
		No. of subsequent visits,	879
	Diabetic Clinic.		
		No. of subsequent visits,	989

	Infantile Clinic.		
		No. of subsequent visits,	3,659
	Electrical Treatments.		
		No. of subsequent visits,	201
	Vaccine Treatments.		
		No. of subsequent visits,	168
	X-Ray Treatments.		
		No. of subsequent visits,	335
	25,440		142,740
Records lost, of new patients	1	Records lost, of old patients	2
	25,441		142,742

EXPLANATION OF TABLES OF MEDICAL AND SURGICAL STATISTICS

The Medical and Surgical statistics appear in three tables, A, B, and C.

Table A is a table of diseases treated in both House and Out-Patient Department, and is here presented in terms of the International Classification. As this classification is the one that has been adopted by most of the civilized governments, these statistics are thus comparable with governmental reports and may be used by State and Civil Registrars for vital statistics.

Table B is the table of surgical operations, grouping disease and operations together, and is arranged according to the Sections of the Classification of Diseases in use in this hospital, with the one exception that the order is alphabetic under each Section head.

Table C is an appendix of Table B, and gives brief abstracts of operated cases resulting in death. These individual cases are referred to from Table B by footnotes.

TABLE A

REPORT OF MEDICAL AND SURGICAL DISEASES IN TERMS OF INTERNATIONAL CLASSIFICATION

		HOUSE		O. P. D.
		Discharges	Deaths	Cases Admitted
1	Typhoid fever	26	...	8
2	Typhus fever	2	2	...
4	Malaria	2	...	4
5	Smallpox	...	...	1
6	Measles	2	...	14
7	Scarlet fever	86	...	1
8	Whooping cough	...	...	128
9	Diphtheria and croup	11	...	33
10	Influenza	799	2	73
14	Dysentery	3	...	4
18	Erysipelas	37	1	14
19	Other epidemic diseases	91	1	100
20	Purulent infection and septicæmia	44	15	124
22	Anthrax	2	...	...
24	Tetanus	...	1	...
25	Mycoses	1	...	119
26	Pellagra	1	...	1
28	Tuberculosis of lungs	121	1	775
29	Acute miliary tuberculosis	6	4	...
30	Tuberculous meningitis	...	3	12
31	Abdominal tuberculosis	21	3	22
32	Pott's disease	27	...	29
33	White swellings	56	...	72
34	Tuberculosis of other organs	151	5	333
35	Disseminated tuberculosis	1	1	1
36	Rickets	33	...	427
37	Syphilis	222	3	3,814
38	Gonococcus infection	26	...	1,124
39	Malignant tumors of buccal cavity	...	...	10
39A	Carcinoma of buccal cavity	53	1	29
39F	Sarcoma of buccal cavity	5	...	1
40	Malignant tumors of stomach, liver, etc.	9	1	3
40A	Carcinoma of stomach, liver	70	17	154
40F	Sarcoma of stomach, liver	1	...	....
41	Malignant tumors of peritoneum, intestine, rectum	2	...	....

Table A — Medical and Surgical Diseases — Continued

		HOUSE		O. P. D.
		Discharges	Deaths	Cases Admitted
41A	Carcinoma of peritoneum, intestines, rectum	47	10	....
41F	Sarcoma of peritoneum, intestines, rectum	2	...	....
42	Malignant tumors of female genital organs	1	...	....
42A	Carcinoma of female genital organs	45	5	38
42B	Endothelioma of female genital organs	1	...	....
42F	Sarcoma of female genital organs	3	...	....
43A	Carcinoma of breast	57	3	51
44	Malignant tumors of skin	1	...	16
44A	Carcinoma of skin	18	...	3
45	Malignant tumors of other organs and of organs not specified	8	...	18
45A	Carcinoma of other organs and of organs not specified	79	9	68
45B	Endothelioma of other organs and of organs not specified	2	1	2
45E	Hypernephroma of other organs and of organs not specified	7	...	....
45F	Sarcoma of other organs and of organs not specified	29	3	6
45G	Mixed malignant growths of other organs and of organs not specified	2	...	....
46	Other tumors (tumors of the female genital organs excepted)	125	5	587
47	Acute articular rheumatism	71	...	83
48	Chronic rheumatism and gout	91	...	397
49	Scurvy	3	...	3
50	Diabetes	101	5	146
51	Exopthalmic goitre	25	1	13
52	Addison's disease	3	1	11
53	Leuchæmia	8	1	7
54	Anemia, chlorosis	91	11	103
55	Other general diseases	46	5	124
56	Alcoholism (acute or chronic)	15	1	19
57	Chronic lead poisoning	5	...	10
58	Other chronic occupation poisonings	...	...	13
59	Other chronic poisonings	1	...	4
60	Encephalitis	2	2	2
61 (1)	Simple meningitis	4	7	5
61 (2)	Cerebrospinal meningitis	3	...	....
61 (3)	Cerebrospinal fever	7	6	....
62	Locomotor ataxia	21	...	85

Table A — Medical and Surgical Diseases — Continued

		HOUSE		O. P. D.
		Discharges	Deaths	Cases Admitted
63	Other diseases of the spinal cord	65	...	77
64	Cerebral hemorrhage, apoplexy	1	...	....
65	Softening of the brain	...	...	92
66	Paralysis without specific cause	38	9	191
67	General paralysis of insane	4	...	21
68	Other forms of mental alienation	13	...	21
69	Epilepsy	18	...	146
71	Convulsions of infants (under 5 years)	7	...	11
72	Chorea	15	...	105
73A	Hysteria	13	...	....
73B	Neuralgia and neuritis	61	...	204
74	Other diseases of the nervous system	111	2	1,123
75	Diseases of the eyes and their annexa	30	...	254
76	Diseases of the ears	98	1	136
77	Pericarditis	13	1	12
78	Acute endocarditis	22	3	16
79	Organic diseases of the heart	309	29	821
80	Angina pectoris	21	1	16
81	Diseases of the arteries, atheroma, aneurysm, etc.	248	8	273
82	Embolism and thrombosis	18	3	....
83	Diseases of the veins (varices, hemorrhoids, phlebitis, etc.)	234	1	529
84	Diseases of the lymphatic system	43	1	227
85	Hemorrhage; other diseases of the circulatory system	156	...	232
86	Diseases of the nasal fossæ	157	...	1,940
87	Diseases of the larynx	35	...	42
88	Diseases of the thyroid body	62	...	118
89	Acute bronchitis	48	...	292
90	Chronic bronchitis	86	...	530
91	Bronchopneumonia	292	224	55
92	Pneumonia	125	25	20
93	Pleurisy	171	7	311
94	Pulmonary congestion, pulmonary apoplexy	11	1	2
95	Gangrene of lung	1	...	....
96	Asthma	25	...	111
97	Pulmonary emphysema	9	...	42
98	Other diseases of the respiratory system (tuberculosis excepted)	32	3	37
99A	Diseases of the teeth and gums	111	...	....
99B	Diseases of the mouth and annexa	12	...	1,015
100	Diseases of the pharynx	350	2	2,126
101	Diseases of the esophagus	7	1	35
102	Disease of the stomach	158	2	167

Table A — Medical and Surgical Diseases — Continued

		HOUSE		O. P. D.
		Discharges	Deaths	Cases Admitted
103	Other diseases of the stomach (cancer excepted)	56	1	441
104	Diarrhea and enteritis (under 2 years)	5	1	64
105	Diarrhea and enteritis (over 2 years)	128	6	189
107	Intestinal parasites	20	...	52
108	Appendicitis and typhlitis	472	1	268
109(1)	Hernia	467	3	....
109(2)	Intestinal obstruction	33	10	561
110	Other diseases of the intestines	267	...	1,474
112	Hydatid tumor of the liver	4	1	7
113	Cirrhosis of the liver	10	3	18
114	Biliary calculi	125	4	139
115	Other diseases of the liver	88	2	92
116	Diseases of the spleen	10	...	6
117	Simple peritonitis (non-puerperal)	40	19	20
118	Other diseases of the digestive system (cancer and tuberculosis excepted)	15	...	1
119	Acute nephritis	16	...	38
120	Bright's disease	143	22	216
122	Other diseases of the kidney and annexa	110	1	286
123	Calculi of the urinary passages	71	...	177
124	Diseases of the bladder	42	1	357
125	Diseases of the urethra, urinary abscess, etc.	49	1	148
126	Diseases of the prostate	46	7	164
127	Non-venereal diseases of the male genital organs	99	...	182
128	Uterine hemorrhage (non-puerperal)	32	...	60
129	Uterine tumor (non-cancerous)	85	...	111
130	Other diseases of the uterus	205	1	959
131	Cysts and other tumors of the ovary	47	...	30
132	Salpingitis and other diseases of the female	141	...	302
133	Non-puerperal diseases of the breast (cancer excepted)	39	...	65
134A	Normal labor	118	...	401
134B	Accidents of pregnancy	64	...	1
135	Puerperal hemorrhage	2	...	2
136	Other accidents of labor	112	...	173
137	Puerperal septicæmia	6	1	....
138	Puerperal albuminuria and convulsions	1	...	....
140	Following childbirth (not otherwise defined)	2	...	....
141	Puerperal diseases of the breast	3	...	11

Table A — Medical and Surgical Diseases — Continued

		HOUSE		O. P. D.
		Discharges	Deaths	Cases Admitted
142	Gangrene	9	...	9
143	Furuncle	36	1	357
144	Acute abscess	128	1	712
145	Other diseases of the skin and annexa	238	...	2,571
146	Diseases of the bones (tuberculosis excepted)	130	1	196
147	Diseases of the joints (tuberculosis and rheumatism excepted)	61	...	530
149	Other diseases of the organs of locomotion	114	1	1,785
150	Congenital malformations (stillbirths not included):	...	...	327
150(1)	Hydrocephalus	1	1	....
150(3)	Other congenital malformations	103	3	....
151(1)	Premature birth (not stillborn)	4	4	....
151(2)	Congenital debility	61	1	677
152	Other causes peculiar to early infancy	...	...	7
154	Senility	6	...	6
164	Poisoning by food	...	...	14
165	Other acute poisonings	3	2	20
167	Burns (conflagration excepted)	24	3	96
168	Absorption of deleterious gases (conflagration excepted)	...	1	....
170	Traumatism by firearms	10	4	7
171	Traumatism by cutting or piercing instruments	11	...	42
172	Traumatism by fall	191	5	720
174	Traumatism by machines	13	...	15
175	Traumatism by other crushing (vehicles, railways, etc.)	124	12	32
176	Injuries by animals	5	...	10
177	Starvation	...	1	....
178	Excessive cold	....	...	2
180	Lightning	...	...	19
184	Homicide	...	...	2
185	Fracture and dislocation (cause not specified)	16	...	561
186	Other external violence	109	3	1,843
187	Ill-defined organic disease	1	...	9
189	Not specified, or ill-defined	70	19	2,069
	Totals, all causes	10,706	609	40,147
	Grand total (house cases)	11,315		
	Stillbirths	...	5	

TABLE B

SURGICAL OPERATIONS

FROM JANUARY 1, 1918, TO DECEMBER 31, 1918, INCLUSIVE

* Surgical Operations (All numbered footnotes refer to Table C.)	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1919	Total
SECTION I								
Infectious and General Diseases								
Abscess of ankle-joint								
Incision and drainage	1	....	1	1	....	....	....	1
Abscess, popliteal								
Incision and drainage	1	1	2	2	....	....	....	2
1. Incision and drainage. 2. Transfusion. 3. Incision and drainage of abscess of leg. 4. Ligation of popliteal vessels for hemorrhage	1	....	1	1	....	....	....	1
Arthritis, gonorrheal, of knee								
Manipulation		1	1	1	....	....	....	1
Arthritis, infectious								
Extraction of teeth	1	4	5	5	....	....	....	5
Extraction of teeth; curettage of jaw	5	10	15	15	....	....	....	15
Extraction of teeth; tonsillectomy	....	1	1	1	....	....	....	1
Tonsillectomy	8	6	14	13	....	....	1	14
Arthritis, infectious, of ankle								
Manipulation	1	....	1	1	....	....	....	1
Arthritis, infectious, of hip								
Arthrotomy	....	1	1	1	....	....	....	1
Arthritis, infectious, of joints of feet								
Manipulation	....	1	1	1	....	....	....	1
Arthritis, infectious, of knee								
Arthroplasty	....	1	1	1	....	....	....	1
Arthrotomy with oil injection	1	....	1	1	....	....	....	1
Excision of joint	1	....	1	1	....	....	....	1

* For all Tuberculosis, see Section I; for all Tumors, malignant and benign see Section VII.

Table B — Surgical Operations, 1918 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1919	Total
SECTION I								
Arthritis, infectious, of spine								
Manipulation	....	1	1	1	....	....	....	1
Arthritis, villous, of knee								
Arthrotomy with removal of villi	3	1	4	4	....	....	....	4
Gas bacillus infection. (See also Fracture, compound, of tibia and fibula. Sec. XVI)								
Amputation of arm	1	....	1	1	....	....	....	1
Gumma of ankle								
Incision and drainage	1	....	1	1	....	....	....	1
Gumma of leg								
1. Incision, curettage and drainage. 2. Suturing of granulating wound	1	....	1	1	....	....	....	1
Gumma of nose								
Excision	....	1	1	1	....	....	....	1
Gumma of rectum								
Excision of specimen for diagnosis	....	1	1	1	....	....	....	1
Gumma of shoulder (soft parts)								
Incision and curettage	1	....	1	1	....	....	....	1
Gumma of testicle								
Orchidectomy	1	....	1	1	....	....	....	1
Lupus vulgaris								
Curettage	1	2	3	3	....	....	....	3
Periostitis, syphilitic, of tibia								
Exploratory osteotomy	1	....	1	1	....	....	....	1
Poliomyelitis								
Arthrodesis of ankle	1	....	1	1	....	....	....	1
Arthrodesis of ankle; lengthening of tendo-Achillis	1	....	1	1	....	....	....	1
Arthrodesis of hip	....	1	1	1	....	....	....	1
Astragalectomy	3	1	4	4	....	....	....	4
Fasciotomy and myotomy	1	....	1	1	....	....	....	1
Fasciotomy and tenoplasty	1	1	2	2	....	....	....	2
Fasciotomy and tenotomy	1	2	3	3	....	....	....	3
Lengthening tendo-Achillis	1	3	4	3	....	....	1	4
Osteotomy of astragalus and tenoplasty	1	1	2	2	....	....	....	2

Table B — Surgical Operations, 1918 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1919	Total
SECTION I								
Poliomyelitis — continued								
Osteotomy of femur	....	1	1	1	....	....	....	1
Osteotomy of femur and cuboid	1	....	1	1	....	....	....	1
Soutter operation	....	2	2	2	....	....	....	2
Soutter operation and lengthening tendo-Achillis	2	....	2	2	....	....	....	2
Tenoplasty	4	6	10	8	....	....	2	10
1. Tenoplasty. 2. Astragalectomy	1	....	1	1	....	....	....	1
Tenotomy of tendo-Achillis	....	1	1	1	....	....	....	1
Pott's disease								
Aspiration of psoas abscess	....	1	1	1	....	....	....	1
Bone grafting	5	3	8	8	....	....	....	8
Incision and drainage of abscess in scar of back	....	1	1	1	....	....	....	1
Incision and drainage of psoas abscess	1	....	1	1	....	....	....	1
Osteotomy (Hibb's)	....	1	1	1	....	....	....	1
Pyemia								
1. Incision and drainage of septic right hand. 2. Incision and drainage of abscesses of right axilla, left leg, and forearm. 3. Incision and drainage of abscess of forearm. 4. Incision and drainage of septic shoulder	....	1	1	1	....	....	....	1
Rheumatic fever								
Tonsillectomy and excision of adenoids	1	....	1	1	....	....	....	1
Septic knee								
Incision and drainage	2	....	2	....	1	....	1	2
1. Incision and drainage. 2. Amputation of thigh	1	....	1	1	....	....	....	1
1. Incision and drainage. 2. Exploration of joint, Carrel drainage	1	....	1	1	....	....	....	1
Septic wound of operation (leg)								
Incision and drainage	1	....	1	....	....	1[a]	....	1

a See No. 73.

Table B — Surgical Operations, 1918 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1919	Total
SECTION I								
Streptococcus infection of jaw								
Curettage	1	....	1	1	....	....	....	1
Syphilis, cerebral								
Trephining and injection of salvarsan	....	1	1	1	....	....	....	1
Syphilis of liver and spleen								
Exploratory laparotomy	1	....	1	1	....	....	....	1
Syphilis of stomach								
Exploratory laparotomy	....	1	1	1	....	....	....	1
Tuberculosis of ankle								
Amputation of leg	2	....	2	2	....	....	....	2
Tuberculosis of bladder								
Cystostomy	....	1	1	1	....	....	....	1
Tuberculosis of breast								
Amputation of breast and dissection of axilla	....	1	1	1	....	....	....	1
Tuberculosis of cheek								
Curettage	1	....	1	1	....	....	....	1
Tuberculosis of elbow								
Amputation of arm	1	....	1	1	....	....	....	1
Tuberculosis of epididymis								
Epididymectomy	3	....	3	3	....	....	....	3
Epididymo-vasectomy	12	....	12	12	....	....	....	12
1. Epididymo-vasectomy. 2. Incision and drainage of pelvic abscess	1	....	1	1	....	....	....	1
Orchidectomy	1	....	1	1	....	....	....	1
Tuberculosis of Fallopian tube								
Salpingectomy; ventral suspension	....	1	1	1	....	....	....	1
Tuberculosis of finger								
Amputation	....	1	1	1	....	....	....	1
Tuberculosis of gluteal bursa								
Excision of bursa	....	1	1	1	....	....	....	1
Tuberculosis of hip								
Arthrodesis	2	....	2	2	....	....	....	2
Excision of head of femur	1	2	3	3	....	....	....	3
Incision and drainage of abscess	....	1	1	1	....	....	....	1

Table B — Surgical Operations, 1918 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1919	Total
SECTION I								
Tuberculosis of hip — continued								
Manipulation	2	1	3	3	....	....	....	3
Osteotomy of femur	1	1	2	2	....	....	....	2
Tuberculosis of hip and knee								
1. Incision and drainage of head of tibia, and abscess of hip. 2. Curettage and drainage of sinus of thigh	1	....	1	1	....	....	....	1
Tuberculosis of intestines								
Exploratory laparotomy	1	....	1	....	....	1	....	1
Exploratory laparotomy and lateral anastomosis	1	....	1	....	....	1[a]	....	1
Ileostomy	....	1	1	1	....	....	....	1
Tuberculosis of kidney								
Nephrectomy	9	2	11	10	....	....	1	11
Tuberculosis of knee								
Arthrotomy with oil injection	....	1	1	1	....	....	....	1
Bone grafting	....	2	2	2	....	....	....	2
Excision of joint	2	1	3	3	....	....	....	3
1. Incision and drainage of head of fibula. 2. Incision and drainage of joint. 3. Incision and drainage of femur and head of tibia. 4. Insertion of Dakin tubes	1	....	1	1	....	....	....	1
Manipulation	....	1	1	1	....	....	....	1
Tuberculosis of lung								
Exploratory thoracotomy	1	....	1	....	1	....	....	1
Tuberculosis of lymph nodes, axillary								
Excision of nodes	....	5	5	5	....	....	....	5
Tuberculosis of lymph nodes, cervical								
Excision of nodes	10	12	22	21	....	....	1	22
Incision and curettage	1	1	2	2	....	....	....	2
Incision and drainage	....	1	1	1	....	....	....	1
Tuberculosis of lymph nodes, inguinal								
Excision of nodes	....	1	1	1	....	....	....	1

a See No. 97.

Table B — Surgical Operations, 1918 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1919	Total
SECTION I								
Tuberculosis of lymph nodes, mesenteric								
Laparotomy with excision of nodes	....	1	1	1	....	....	....	1
1. Laparotomy with excision of nodes. 2. (Routine appendectomy)	1	....	1	1	....	....	....	1
Tuberculosis of lymph nodes, parietal								
Exploratory laparotomy and excision of nodes	....	1	1	1	....	....	....	1
Laparotomy with drainage; (routine appendectomy)	1	....	1	1	....	....	....	1
Tuberculosis of mouth								
Excision of tissue, glands and lymph nodes	1	....	1	1	....	....	....	1
Tuberculosis of peritoneum								
Exploratory laparotomy	2	1	3	1	2	....	....	3
Tuberculosis of pubic bone								
Aspiration of abscess	....	1	1	1	....	....	....	1
Tuberculosis of rectum								
Colostomy	1	....	1	1	....	....	....	1
Tuberculosis of rib								
Incision and curettage	....	1	1	1	....	....	....	1
Incision and drainage	1	....	1	1	....	....	....	1
Tuberculosis of sacro-iliac joint								
Arthrodesis	....	1	1	1	....	....	....	1
Tuberculosis of scaphoid								
Excision of scaphoid	1	....	1	1	....	....	....	1
Tuberculosis of testicle								
Orchidectomy	1	....	1	1	....	....	....	1
Tuberculosis of thoracic wall								
Incision and drainage of abscess, and excision of periosteum of costal cartilage	1	....	1	1	....	....	....	1
Tuberculosis of tongue								
Excision of tissue	1	....	1	1	....	....	....	1
Tuberculosis of trochanteric bursa								
Incision and curettage	1	....	1	1	....	....	....	1

Table B — Surgical Operations, 1918 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1919	Total
SECTION I								
Tuberculosis of wrist								
Amputation of hand	1	....	1	1	....	....	....	1
SECTION II								
Diseases Due to Animal Parasites								
Echinococcus cyst of liver								
1. Laparotomy with excision of one cyst and drainage of another. 2. Resection of rib for drainage of empyema	1	....	1	1	....	....	....	1
Laparotomy with partial excision of cyst; drainage	1	....	1	1	....	....	....	1
SECTION III								
Diseases of Metabolism								
Gangrene, diabetic, of foot								
Amputation of thigh	2	....	2	1	....	1[a]	....	2
SECTION V								
Diseases Due to Physical Agents								
Burns								
Skin grafting	1	....	1	1	....	....	....	1
SECTION VII								
Tumors, Malignant and Benign								
Adeno-fibroma of breast								
Amputation of breast with dissection of axilla	....	1	1	1	....	....	....	1
Excision	....	5	5	5	....	....	....	5
Adenoma of thyroid gland								
Excision	....	7	7	7	....	....	....	7
Hemithyroidectomy	1	4	5	5	....	....	....	5

a See No. 6.

Table B — Surgical Operations, 1918 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1919	Total
SECTION VII								
Angioma of urethra								
Excision	....	1	1	1	....	....	....	1
Atrophia musculorum lipomatosa pseudohypertrophia of knee								
Excision	1	....	1	1	....	....	....	1
Carcinoma of abdomen								
Exploratory laparotomy	2	4	6	2	3	....	1	6
Exploratory laparotomy; salpingo-oöphorectomy	....	1	1	1	....	....	....	1
Carcinoma of antrum								
Exploratory (inoperable)	....	1	1	1	....	....	....	1
Radical operation	....	1	1	1	....	....	....	1
Carcinoma of axilla								
Excision	....	1	1	1	....	....	....	1
Carcinoma of bladder								
Cystectomy, partial	1	....	1	1	....	....	....	1
Cystectomy; uretero-sigmoidostomy	....	1	1	....	....	1[a]	....	1
Cystostomy	3	....	3	2	1	....	....	3
Cystostomy with cauterization	3	....	3	2	....	....	1	3
Cystotomy with excision of growth	....	1	1	1	....	....	....	1
Exploratory incision in inguinal region	1	....	1	....	1	....	....	1
Carcinoma of breast								
Amputation of breast	....	3	3	2	....	1[b]	....	3
Amputation of breast and application of X-ray	....	1	1	....	....	1	....	1
Amputation of breast with dissection of axilla	2	41	43	42	....	1[c]	....	43
1. Amputation of breast with dissection of axilla. 2. Skin grafting	....	1	1	1	....	....	....	1
1. Excision of growth. 2. Skin grafting	....	1	1	1	....	....	....	1
Excision of growth with dissection of axilla	....	1	1	1	....	....	....	1
Opening old wound, removal of transplanted fat, curettage and drainage	....	1	1	1	....	....	....	1

a See No. 45. *b* See No. 1. *c* See No. 2.

Table B — Surgical Operations, 1918 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1919	Total
SECTION VII								
Carcinoma of breast and tuberculosis of axillary lymph nodes								
Partial amputation of breast and excision of nodes	....	1	1	1	....	....	....	1
Carcinoma of cervix uteri								
Cauterization	....	7	7	2	4	....	1	7
Curettage and cauterization	....	4	4	2	2	....	....	4
1. Curettage and cauterization. 2. Panhysterectomy and salpingo-öophorectomy	....	1	1	1	....	....	....	1
1. Excision of specimen. 2. Hysterectomy	....	3	3	3	....	....	....	3
Hysterectomy, abdominal	....	5	5	4	....	1[a]	....	5
Hysterectomy, vaginal	....	1	1	1	....	....	....	1
Hysterectomy and salpingo-oöphorectomy	....	2	2	2	....	....	....	2
Ligation of internal iliac arteries and low-heat cauterization	....	1	1	1	....	....	....	1
Carcinoma of cheek								
Excision	2	1	3	3	....	....	....	3
Excision, and dissection of neck	1	....	1	1	....	....	....	1
Carcinoma of common duct, and cholelithiasis								
Cholecystostomy	....	1	1	1	....	....	....	1
Carcinoma of dura (metastatic)								
Section of 2d and 3d divisions of 5th nerve with injection of alcohol, for pain	1	....	1	....	....	1[b]	....	1
Carcinoma of elbow								
Excision of growth and dissection of axilla	1	....	1	1	....	....	....	1
Esophagoscopy (inoperable)	1	....	1	....	1	....	....	1
Esophagoscopy; excision of specimen	2	....	2	....	1	....	1	2
Gastrostomy	3	....	3	....	1	2[c]	....	3
Carcinoma of eyelid								
Excision	2	....	2	2	....	....	....	2

a See No. 69. *b* See No. 129. *c* See Nos. 66, 67.

Table B — Surgical Operations, 1918 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1919	Total
SECTION VII								
Carcinoma of face								
Curettage	1	....	1	1	....	....	....	1
Excision	2	1	3	3	....	....	....	3
Excision of growth, and dissection of neck	1	....	1	1	....	....	....	1
Carcinoma of foot (heel)								
1. Excision. 2. Skin grafting	1	....	1	1	....	....	....	1
Carcinoma of gall bladder								
Cholecystectomy	....	1	1	1	....	....	....	1
Carcinoma of gall bladder and cholelithiasis								
Exploratory laparotomy	....	1	1	....	1	....	....	1
Carcinoma of hand								
Excision	2	....	2	2	....	....	....	2
Excision of growth and dissection of axilla	2	....	2	2	....	....	....	2
Skin grafting, and excision of epitrochlear gland	1	....	1	1	....	....	....	1
Carcinoma of intestine								
Anastomosis, lateral	1	2	3	1	....	1[a]	1	3
1. Colostomy. 2. Resection of intestine with end-to-end anastomosis	1	....	1	....	....	1[b]	....	1
Exploratory laparotomy	....	2	2	1	1	....	....	2
Exploratory laparotomy; colostomy	2	....	2	2	....	....	....	2
Laparotomy with excision of growth	1	....	1	1	....	....	....	1
Resection with end-to-end anastomosis	1	....	1	....	....	1[c]	....	1
Resection with lateral anastomosis.	4	2	6	4	....	2[d]	....	6
Sigmoidostomy	....	1	1	1	....	....	....	1
Carcinoma of jaw								
Excision of jaw	3	1	4	4	....	....	....	4
Resection of jaw	1	1	2	2	....	....	....	2
Carcinoma of kidney								
Nephrectomy	....	1	1	1	....	....	....	1
Carcinoma of larynx								
Gastrostomy	1	....	1	....	....	1[e]	....	1

a See No. 8. *b* See No. 119. *c* See No. 118. *d* See Nos. 122, 123. *e* See No. 68.

Table B — Surgical Operations, 1918 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1919	Total
SECTION VII								
Carcinoma of larynx — continued								
Thyrotomy with excision of left cord	1	....	1	1	....	....	....	1
Tracheotomy	1	....	1	....	1	....	....	1
1. Tracheotomy. 2. Laryngectomy, partial	1	....	1	....	....	1[a]	....	1
Carcinoma of lip								
Dissection of neck; plastic	1	....	1	1	....	....	....	1
Excision of growth	7	....	7	7	....	....	....	7
Excision of growth with dissection of neck	21	....	21	21	....	....	....	21
Carcinoma of liver								
Exploratory laparotomy	....	1	1	....	....	....	1	1
Carcinoma of liver and intestines								
Exploratory laparotomy	....	1	1	....	1	....	....	1
Carcinoma of lymph nodes, axillary								
Excision of nodes	....	2	2	2	....	....	....	2
Carcinoma of neck								
Dissection of neck with excision of growth	1	3	4	3	....	....	1	4
Excision of specimen for diagnosis	1	....	1	1	....	....	....	1
Carcinoma of nose								
Curettage	1	....	1	1	....	....	....	1
Excision	....	1	1	1	....	....	....	1
1. Excision. 2. Curettage and cauterization	2	....	2	2	....	....	....	2
Carcinoma of ovary								
Exploratory laparotomy	....	4	4	....	3	1[b]	....	4
Laparotomy with drainage of malignant cyst	....	1	1	....	....	....	1	1
Oöphorectomy	....	3	3	1	1	1[c]	....	3
Salpingo-oöphorectomy	....	1	1	1	....	....	....	1
Carcinoma of pancreas								
Cholecystostomy	1	1	2	....	....	2[d]	....	2
Cholecystostomy and choledochostomy	1	....	1	....	....	1[e]	....	1
Exploratory laparotomy	....	1	1	....	1	....	....	1

a See No. 138. *b* See No. 84. *c* See No. 100. *d* See No. 29. *e* See No. 30.

Table B — Surgical Operations, 1918 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1919	Total
SECTION VII								
Carcinoma of parotid								
1. Dissection of neck. 2. Skin grafting	1	....	1	1	....	....	....	1
Excision	1	....	1	1	....	....	....	1
Incision, curettage and cauterization	....	1	1	1	....	....	....	1
1. Ligation of common carotid artery and resection of growth. 2. Transfusion for postoperative hemorrhage	....	1	1	....	....	1[a]	....	1
Carcinoma of pelvis, with abscess								
1. Vaginal puncture. 2. Laparotomy, drainage of abscess, excision of necrotic tissue	....	1	1	1	....	....	....	1
Carcinoma of penis								
Cauterization	1	....	1	1	....	....	....	1
1. Cauterization. 2. Amputation of penis, dissection of groin	1	....	1	1	....	....	....	1
Carcinoma of prostate								
Cystostomy	5	....	5	5	....	....	....	5
1. Cystostomy. 2. Suprapubic prostatectomy	3	....	3	2	....	1[b]	....	3
Exploratory laparotomy	1	....	1	....	....	1[c]	....	1
Prostatectomy, perineal	2	....	2	....	....	2[d]	....	2
1. Prostatectomy, perineal. 2. Cystostomy.	1	....	1	1	....	....	....	1
Prostatectomy, suprapubic	1	....	1	1	....	....	....	1
Carcinoma of rectum								
Cauterization	1	....	1	1	....	....	....	1
Colostomy	8	2	10	7	2	....	1	10
1. Colostomy. 2. Excision of rectum	8	2	10	5	....	5[e]	....	10
Excision of rectum	1	....	1	1	....	....	....	1
1. Mobilization of sigmoid and rectum. 2. Excision of rectum	....	1	1	1	....	....	....	1
Resection of rectum and sigmoid, colostomy	1	....	1	....	....	1[f]	....	1
Carcinoma of scrotum								
Excision	1	....	1	1	....	....	....	1
Excision, dissection of groin	1	....	1	1	....	....	....	1

a See No. 98. *b* See No. 110. *c* See No. 85.
d See Nos. 104, 105. *e* See Nos. 33, 34, 35, 36, 37. *f* See No. 126.

Table B — Surgical Operations, 1918 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1919	Total
SECTION VII								
Carcinoma of stomach								
Excision of ulcer	1	....	1	1	....	....	....	1
Exploratory laparotomy	11	8	19	3	13	2[a]	1	19
Gastrectomy, partial, and gastro-enterostomy	2	....	2	1	....	1[b]	....	2
Gastro-enterostomy	8	3	11	8	1	2[c]	....	11
1. Gastro-enterostomy. 2. Jejuno-jejunostomy	1	....	1	....	....	1[d]	....	1
1. Gastro-enterostomy. 2. Partial gastrectomy	1	....	1	....	....	1[e]	....	1
Pylorectomy and gastro-enterostomy	1	....	1	....	....	1[f]	....	1
Carcinoma of submaxillary gland								
Excision of growth	1	....	1	1	....	....	....	1
Carcinoma of thoracic wall								
Excision; plastic	....	1	1	1	....	....	....	1
Carcinoma of thyroid gland								
Hemithyroidectomy	1	3	4	2	1	....	1	4
Carcinoma of tongue								
Dissection of neck	1	....	1	1	....	....	....	1
1. Dissection of neck. 2. Excision of growth	1	....	1	1	....	....	....	1
1. Dissection of neck. 2. Resection of jaw and excision of tongue	1	....	1	....	....	....	1	1
1. Dissection of neck. 2. Partial excision of tongue	5	....	5	5	....	....	....	5
Carcinoma of uterus								
Dilatation and curettage	....	1	1	1	....	....	....	1
Hysterectomy, abdominal; appendectomy	....	1	1	1	....	....	....	1
Hysterectomy, vaginal	....	1	1	1	....	....	....	1
Laparotomy (inoperable)	....	1	1	....	1	....	....	1
Panhysterectomy	....	1	1	1	....	....	....	1
Carcinoma of vulva								
Excision	....	1	1	1	....	....	....	1
Chordoma of skull (base)								
Curettage	....	1	1	1	....	....	....	1

a See Nos. 86, 87. *b* See No. 57. *c* See No. 59.
d See No. 60. *e* See No. 58. *f* See No. 111.

Table B — Surgical Operations, 1918 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1919	Total
SECTION VII								
Cyst of antrum								
Excision	1	....	1	1	....	....	....	1
Cyst of Bartholin's gland								
Excision	....	1	1	1	....	....	....	1
Cyst of breast								
Excision	....	3	3	3	....	....	....	3
Cyst of broad ligament								
Excision	....	3	3	3	....	....	....	3
Cyst of epididymis								
Excision	1	....	1	1	....	....	....	1
Cyst of jaw								
Curettage	1	....	1	1	....	....	....	1
Excision	2	....	2	2	....	....	....	2
Cyst of leg (stump)								
Excision	1	....	1	1	....	....	....	1
Cyst of lip								
Excision	....	1	1	1	....	....	....	1
Cyst of liver								
Excision	2	....	2	2	....	....	....	2
Cyst of mesentery								
Laparotomy; incision and drainage of cyst	....	1	1	1	....	....	....	1
Cyst of ovary								
Excision	....	4	4	4	....	....	....	4
Excision; (routine appendectomy)	....	1	1	1	....	....	....	1
Excision; ventral suspension	....	1	1	1	....	....	....	1
Oöphorectomy	....	11	11	9	1	....	1	11
Oöphorectomy; (routine appendectomy)	....	6	6	5	....	....	1	6
Panhysterectomy	....	2	2	2	....	....	....	2
Salpingo-oöphorectomy	....	2	2	2	....	....	....	2
Salpingo-oöphorectomy; (routine appendectomy)	....	8	8	8	....	....	....	8
Salpingo-oöphorectomy; ventral suspension; (routine appendectomy)	....	2	2	2	....	....	....	2
Cyst of pancreas								
Incision and drainage	....	1	1	1	....	....	....	1

Table B — Surgical Operations, 1918 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1919	Total
SECTION VII								
Cyst, parovarian								
Excision	....	1	1	1	....	....	....	1
Salpingo-oöphorectomy; (routine appendectomy)	....	1	1	1	....	....	....	1
Cyst of perineum								
Excision	....	1	1	1	....	....	....	1
Cyst of Skene's gland								
Excision	....	1	1	1	....	....	....	1
Cyst of thyroid gland (simple)								
Excision	....	2	2	2	....	....	....	2
Cyst of turbinate bone								
Turbinectomy	....	1	1	1	....	....	....	1
Cyst-adenoma of breast								
Amputation of breast	....	1	1	1	....	....	....	1
Cyst-adenoma of liver								
Exploratory laparotomy	1	....	1	....	....	1	....	1
Epulis								
Excision and cauterization	1	1	2	2	....	....	....	2
Fibroma of abdominal wall								
Excision	1	....	1	1	....	....	....	1
Fibroma of breast								
Excision	....	1	1	1	....	....	....	1
Fibroma of jaw								
Resection of jaw	....	1	1	1	....	....	....	1
Fibroma of naso-pharynx								
Excision	1	....	1	1	....	....	....	1
Fibroma of ovary								
Oöphorectomy	....	3	3	2	....	....	1	3
Fibroma of pharynx								
Excision	1	....	1	1	....	....	....	1
Fibroma of rectum								
Excision	....	1	1	1	....	....	....	1
Fibroma of rib								
Excision	....	1	1	1	....	....	....	1
Fibroma of tongue								
Excision	....	1	1	1	....	....	....	1
Fibromyoma of uterus								
Application of radium	....	4	4	4	....	....	....	4

Table B — Surgical Operations, 1918 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1919	Total
SECTION VII								
Fibromyoma of uterus — continued								
Hysterectomy	....	12	12	11	....	....	1	12
Hysterectomy; (routine appendectomy)	....	13	13	13	....	....	....	13
Hysterectomy; oöphorectomy; (routine appendectomy)	....	2	2	2	....	....	....	2
Hysterectomy; salpingectomy	....	1	1	1	....	....	....	1
Hysterectomy; salpingo-oöphorectomy	....	1	1	1	....	....	....	1
Hysterectomy; salpingo-oöphorectomy; (routine appendectomy)	....	3	3	3	....	....	....	3
Myomectomy	....	5	5	5	....	....	....	5
Panhysterectomy	....	1	1	1	....	....	....	1
Panhysterectomy; (routine appendectomy)	....	1	1	1	....	....	....	1
Fibromyoma of uterus and cystic ovary								
Hysterectomy; oöphorectomy; (routine appendectomy)	....	1	1	1	....	....	....	1
Hysterectomy; salpingo-oöphorectomy; (routine appendectomy)	....	1	1	1	....	....	....	1
Fibromyoma of uterus and retroversion								
Myomectomy; ventral suspension	....	1	1	1	....	....	....	1
Fibromyoma of uterus and salpingitis								
Hysterectomy; (routine appendectomy)	....	1	1	1	....	....	....	1
Hysterectomy; salpingo-oöphorectomy	....	3	3	3	....	....	....	3
Hysterectomy; salpingo-oöphorectomy; (routine appendectomy)	....	1	1	1	....	....	....	1
Fibromyoma of uterus, salpingitis and cyst of ovary								
Hysterectomy; salpingo-oöphorectomy	....	1	1	1	....	....	....	1

Table B — Surgical Operations, 1918 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1919	Total
SECTION VII								
Fibrosarcoma of axilla								
1. Exploratory. 2. Amputation of arm	....	1	1	1	....	....	....	1
Fibrosarcoma, retroperitoneal								
Laparotomy with excision of growth	....	1	1	....	....	1[a]	....	1
Glioma of spinal cord								
1. Laminectomy. 2. Removing sutures; excision of specimen from cord	1	....	1	....	1	....	....	1
Hemangio-endothelioma of foot								
Excision	1	....	1	1	....	....	....	1
Hemangioma of lip								
Excision	....	1	1	1	....	....	....	1
Hemangioma of thigh								
Excision	1	....	1	1	....	....	....	1
Hemangioma of tongue								
Excision	....	1	1	1	....	....	....	1
Hypernephroma of kidney								
Exploratory incision over kidney	1	....	1	1	....	....	....	1
Nephrectomy	1	....	1	....	1	....	....	1
Keloid of neck								
1. Partial excision. 2. Skin grafting	1	....	1	1	....	....	....	1
Lipoma of buttock								
Excision	1	....	1	1	....	....	....	1
Lipoma of leg								
Excision	....	1	1	1	....	....	....	1
Lipoma of neck								
Excision	....	1	1	1	....	....	....	1
Lipoma of shoulder								
Excision	....	1	1	1	....	....	....	1
Lipoma of testicle								
Excision	1	....	1	1	....	....	....	1
Lipoma of thigh								
Excision	1	....	1	1	....	....	....	1
Lipoma of thoracic wall								
Excision	1	....	1	1	....	....	....	1

[a] See No. 80.

Table B — Surgical Operations, 1918 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1919	Total
SECTION VII								
Lymphangioma of vulva								
Excision	....	1	1	1	....	....	....	1
Lymphoma of parietal lymph nodes								
Exploratory laparotomy	1	....	1	1	....	....	....	1
Lymphoma, malignant, of abdomen (general)								
Exploratory laparotomy	1	....	1	....	....	1[a]	....	1
Lymphosarcoma of neck								
Excision	2	....	2	1	....	....	1	2
Myoma of recto-vaginal septum								
Laparotomy with excision	....	1	1	1	....	....	....	1
Myoma of uterus								
Hysterectomy	....	1	1	1	....	....	....	1
Myomectomy	....	1	1	1	....	....	....	1
Neurofibroma of tongue								
Excision	....	1	1	1	....	....	....	1
Osteochondroma of femur								
Amputation of thigh	....	1	1	1	....	....	....	1
Excision	1	1	2	2	....	....	....	2
Osteochondroma of metacarpal bone								
Excision	1	....	1	1	....	....	....	1
Osteosarcoma of jaw								
Excision of growth and resection of jaw	1	....	1	1	....	....	....	1
Papilloma of buttock								
Excision	1	....	1	1	....	....	....	1
Papilloma of jaw								
Excision	....	1	1	1	....	....	....	1
Papilloma of larynx								
Excision	....	5	5	5	....	....	....	5
Papilloma, perianal								
Curettage and cauterization	1	....	1	1	....	....	....	1
Papilloma of scalp								
Excision	2	....	2	2	....	....	....	2
Papilloma of thoracic wall								
Excision	1	....	1	1	....	....	....	1

[a] See No. 91.

Table B — Surgical Operations, 1918 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1919	Total
SECTION VII								
Polyp of antrum								
Radical operation with resection of jaw	....	1	1	1	....	....	....	1
Polyp of ethmoid								
Double ethmoid and internal antrum operation	1	....	1	1	....	....	....	1
Polyp, nasal								
Excision	....	1	1	1	....	....	....	1
Polyp of rectum								
Excision	1	1	2	2	....	....	....	2
Polyp, uterine								
Dilatation and curettage	....	7	7	7	....	....	....	7
Excision	....	9	9	9	....	....	....	9
Excision and cauterization	....	1	1	1	....	....	....	1
Sarcoma of antrum								
Excision	1	....	1	1	....	....	....	1
Radical antrum operation	2	....	2	2	....	....	....	2
Sarcoma of arm								
Dissection of axilla and amputation of arm	....	1	1	1	....	....	....	1
Sarcoma of bladder								
Cystostomy, suprapubic	....	1	1	....	....	1[a]	....	1
Sarcoma of cheek								
Excision	1	....	1	1	....	....	....	1
Sarcoma of femur								
Exploratory	1	....	1	....	1	....	....	1
Sarcoma of neck of femur								
Excision	....	1	1	1	....	....	....	1
Sarcoma of humerus								
Excision	1	....	1	1	....	....	....	1
Sarcoma of jaw								
Dissection of neck and resection of jaw	1	....	1	1	....	....	....	1
Excision	....	1	1	1	....	....	....	1
Sarcoma of kidney								
Exploratory laparotomy	1	2	3	....	3	....	....	3

a See No. 48.

Table B — Surgical Operations, 1918 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1919	Total
SECTION VII								
Sarcoma of leg								
Dissection of groin; excision of growth	....	1	1	1	....	....	....	1
Sarcoma of orbit								
Enucleation of eye; cauterization	1	....	1	1	....	....	....	1
Skin grafting (orbital cavity)	1	....	1	1	....	....	....	1
Sarcoma of thigh								
Exploratory	....	1	1	1	....	....	....	1
1. Incision and drainage. 2. Excision of growth	....	1	1	1	....	....	....	1
Sarcoma of tibia								
Amputation of thigh	1	....	1	1	....	....	....	1
Curettage	1	....	1	1	....	....	....	1
Sarcoma of tonsil								
Tonsillectomy	....	1	1	1	....	....	....	1
Sarcoma of uterus								
1. Excision (per vagina). 2. Secondary excision	....	1	1	1	....	....	....	1
Hysterectomy	....	1	1	1	....	....	....	1
Sarcoma of vertebrae								
Laminectomy and excision of growth	....	1	1	....	....	1[a]	....	1
Teratoma of ovary								
Oöphorectomy	....	1	1	1	....	....	....	1
Teratoma of testicle								
Orchidectomy	1	....	1	1	....	....	....	1
Tumor (unspecified) of back								
Exploratory	1	....	1	....	....	....	1	1
Tumor (unspecified) of bladder								
Cystotomy, suprapubic, with excision of tumor	1	....	1	....	....	....	1	1
Tumor (unspecified) of brain								
Craniotomy and decompression	6	2	8	3	2	....	3	8
Tumor (unspecified) of brain; pituitary								
Craniotomy and decompression	1	1	2	2	....	....	....	2
1. Craniotomy and decompression. 2. Incision and drainage of operation wound	1	....	1	....	....	1[b]	....	1

a See No. 76. *b* See No. 44.

Table B — Surgical Operations, 1918 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1919	Total
SECTION VII								
Tumor (unspecified) of brain; pituitary — continued								
1. Craniotomy and right subtemporal decompression. 2. Submucous exposure of pituitary region. 3. Left subtemporal decompression. 4. Occipital decompression	1	....	1	1	....	....	....	1
Exploration of sella turcica	1	....	1	....	....	1[a]	....	1
Tumor (unspecified) of breast								
Amputation of breast	1	....	1	1	1	....	....	1
Tumor (unspecified) of larynx								
Tracheotomy	....	1	1	1	....	....	....	1
Tumor (unspecified) of ovary								
Oöphorectomy and hysterectomy	....	1	1	1	....	....	....	1
Tumor (unspecified) of parotid gland								
Excision	1	2	3	3	....	....	....	3
Tumor (unspecified) of prostate								
Suprapubic cystotomy with removal of tumor	1	....	1	1	....	....	....	1
Tumor of pylorus, congenital								
Pylorotomy	1	....	1	1	....	....	....	1
Wen of abdominal wall								
Excision	1	....	1	1	....	....	....	1
Wen of back								
Excision	1	....	1	....	....	....	1	1
Wen of face								
Excision	....	1	1	1	....	....	....	1
Wen of scrotum								
Excision	1	....	1	1	....	....	....	1
SECTION VIII								
Congenital Malformations								
Branchial cyst								
Excision	1	1	2	2	....	....	....	2

a See No. 56.

Table B — Surgical Operations, 1918 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1919	Total
SECTION VIII								
Claw foot								
Excision proximal end of 1st phalanx	1	....	1	1	....	....	....	1
Cleft palate								
Plastic on jaw	1	....	1	1	....	....	....	1
Plastic, following former operation	....	1	1	1	....	....	....	1
Staphylorrhaphy	5	3	8	6	1	....	1	8
Contraction of finger, congenital								
Plastic	....	1	1	1	....	....	....	1
Deformity of ear								
Plastic	1	....	1	1	....	....	....	1
Deformity of foot								
Plastic	1	....	1	1	....	....	....	1
Dislocation of head of tibia, congenital								
Manipulation	1	....	1	....	1	....	....	1
Dislocation of hip, congenital								
Closed reduction	....	2	2	2	....	....	....	2
Open reduction	....	1	1	1	....	....	....	1
Double vagina								
Excision of septum; dilatation and curettage	....	1	1	1	....	....	....	1
Harelip								
Plastic	1	....	1	1	....	....	....	1
Hypospadias								
Plastic	2	....	2	2	....	....	....	2
Imperforate anus								
Colostomy	1	....	1	1	....	....	....	1
Infantile uterus								
Dilatation and curettage	....	1	1	1	....	....	....	1
Meningocele								
Excision	....	2	2	2	....	....	....	2
Meningoencephalocele								
Excision	....	1	1	....	....	1[a]	....	1
Persistent thyro-glossal cyst								
Excision	1	1	2	2	....	....	....	2
Pilo-nidal sinus								
Excision	8	1	9	9	....	....	....	9

a See No. 54.

Table B — Surgical Operations, 1918 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1919	Total
SECTION VIII								
Pyloric stenosis, congenital								
Pylorotomy	3	....	3	....	....	2[a]	1	3
Supernumerary finger								
Amputation	....	1	1	1	....	....	....	1
Supernumerary toe								
Amputation	....	1	1	1	....	....	....	1
Undescended testicle								
Orchidectomy	5	....	5	4	....	....	1	5
Orchidopexy	2	....	2	2	....	....	....	2
Undescended testicle with twisted pedicle								
Exploratory laparotomy with orchidectomy	1	....	1	1	....	....	....	1
Webbed fingers								
Plastic	2	....	2	2	....	....	....	2
SECTION IX								
General Injuries and Diseases of Skin and Subcutaneous Tissues								
Abscess of abdominal wall								
Incision and drainage	2	1	3	2	....	....	1	3
Abscesses, axillary and subpectoral								
Excision of multiple sinuses and tissue	....	1	1	1	....	....	....	1
Abscess of buttock								
Incision and drainage	....	1	1	1	....	....	....	1
Abscess, cervical								
Incision and drainage	10	8	18	17	....	1[b]	....	18
Abscess of groin								
Incision and drainage	4	....	4	4	....	....	....	4
Abscess of leg								
Incision and drainage	2	....	2	2	....	....	....	2
Abscess, submaxillary								
Incision and drainage	1	....	1	1	....	....	....	1
Abscess, subpectoral								
Incision and drainage	3	....	3	3	....	....	....	3

a See No. 112. *b* See No. 71.

Table B — Surgical Operations, 1918 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1919	Total
SECTION IX								
Abscess of thigh								
Incision and drainage	3	2	5	4	....	....	1	5
1. Incision and drainage. 2. Suture of wound	1	....	1	1	....	....	....	1
Carbuncle of back								
Incision and drainage	....	1	1	1	....	....	....	1
Carbuncle of buttock								
Incision and drainage	1	....	1	1	....	....	....	1
Carbuncle of neck								
Excision	1	....	1	1	....	....	....	1
Incision and drainage	8	....	8	7	....	1[a]	....	8
Cellulitis of arm								
Incision and drainage	1	....	1	1	....	....	....	1
Cellulitis, perineal, with gangrene								
Incision and drainage of scrotum and perineum	1	....	1	....	....	1[b]	....	1
Crush of arm								
Repair	1	....	1	....	....	....	1	1
Crush of foot								
1. Exploration. 2. Plastic operation	1	....	1	1	....	....	....	1
1. Incision and Carrel drainage. 2. Skin grafting	1	....	1	1	....	....	....	1
Crush of hand								
Amputation	1	....	1	1	....	....	....	1
Repair	1	....	1	1	....	....	....	1
Repair with Carrel drainage	2	....	2	2	....	....	....	2
Crush of leg								
Amputation	2	....	2	2	....	....	....	2
1. Amputation. 2. Re-amputation at thigh	1	....	1	1	....	....	....	1
Foreign body in face								
Removal	1	....	1	1	....	....	....	1
Foreign body in foot								
Removal	1	....	1	1	....	....	....	1
Foreign body in jaw								
Dissection of jaw; curettage	....	1	1	1	....	....	....	1
Foreign body in knee								
Arthrotomy with removal	1	....	1	....	....	....	1	1

[a] See No. 70. [b] See No. 74.

Table B — Surgical Operations, 1918 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1919	Total
SECTION IX								
Foreign body in tibia								
Removal of wire	1	....	1	1	....	....	....	1
Furunculosis of buttocks								
Incision and drainage	1	....	1	1	....	....	....	1
Gangrene of fingers								
Amputation	1	....	1	....	....	....	1	1
Gangrene of foot								
Amputation of leg	1	1	2	1	....	....	1	2
1. Amputation of leg. 2. Incision and drainage for gas bacillus infection	1	....	1	....	....	....	1	1
Hematoma of hip								
Incision and drainage	1	....	1	1	....	....	....	1
Ingrowing nail								
Excision	1	1	2	2	....	....	....	2
Septic arm								
Incision and drainage	1	....	1	1	....	....	....	1
Septic finger								
Amputation	....	1	1	1	....	....	....	1
Incision and drainage	5	....	5	5	....	....	....	5
Plastic	1	....	1	1	....	....	....	1
Septic foot								
Incision and drianage	3	....	3	3	....	....	....	3
1. Incision and drainage. 2. Secondary incision; excision of necrotic tendon	1	....	1	1	....	....	....	1
Septic hand								
Disarticulation of finger	1	....	1	1	....	....	....	1
Excision of necrotic tendon	....	1	1	1	....	....	....	1
Incision and drainage	6	....	6	3	....	1[a]	2	6
Septic leg								
Incision and drainage	2	1	3	1	....	1	1	3
Septic leg (stump)								
Re-amputation	1	....	1	1	....	....	....	1
Sinus of face								
Excision of tract of sinus; curettage	1	....	1	1	....	....	....	1
Sinus of lip, septic								
Incision and drainage	1	....	1	1	....	....	....	1

a See No. 72.

Table B — Surgical Operations, 1918 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1919	Total
SECTION IX								
Sinus of neck								
Curettage	1	....	1	1	....	....	....	1
Sinus of thorax						....	....	
Incision and drainage	1	....	1	....	....	....	1	1
Ulcer of arm								
Skin grafting	1	....	1	1	....	....	....	1
Ulcer of heel								
Skin grafting	1	....	1	1	....	....	....	1
Ulcer of leg								
1. Curettage. 2. Skin grafting. 3. Incision and drainage for sepsis	1	....	1	1	....	....	....	1
Skin grafting	....	1	1	1	....	....	....	1
Wound, gunshot, of fingers								
Amputation	1	....	1	1	....	....	....	1
Wound, gunshot, of neck and shoulder								
Exploratory	1	....	1	1	....	....	....	1
Wound, lacerated, of face								
Repair	1	....	1	1	....	....	....	1
Wound, lacerated, of hand								
Tenorrhaphy	1	....	1	1	....	....	....	1
Wound, lacerated, of leg								
Repair	1	....	1	1	....	....	....	1
Wound, lacerated, of perineum								
Repair	1	....	1	1	....	....	....	1
Wound, lacerated, of shoulder								
Repair	1	....	1	1	....	....	....	1
Wounds, multiple incised								
1. Repair. 2. Skin grafting	....	1	1	1	....	....	....	1
SECTION X								
Special Skin Diseases								
Cicatrix, painful								
Excision	1	....	1	1	....	....	....	1
Granuloma of vaginal wall								
Curettage	....	1	1	1	....	....	....	1

Table B — Surgical Operations, 1918 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1919	Total
SECTION X								
Keratosis palmaris								
1. Excision. 2. Skin grafting	1	....	1	1	....	....	....	1
Nevus of lip								
Excision	....	1	1	1	....	....	....	1
Paronychia								
Incision and drainage	1	....	1	1	....	....	....	1
SECTION XI								
Diseases of the Circulatory System								
Endarteritis, obliterative								
Amputation of leg	2	1	3	2	....	1[a]	....	3
Amputation of thigh	3	....	3	2	....	1[b]	....	3
Amputation of toe	1	....	1	1	....	....	....	1
1. Amputation of toes. 2. Amputation of foot. 3. Skin grafting	1	....	1	1	....	....	....	1
1. Amputation of toe. 2. Partial amputation of foot. 3. Amputation of leg. 4. Incision and drainage of abscess of thigh	1	....	1	....	....	....	1	1
Evulsion of toe-nail; curettage	1	....	1	1	....	....	....	1
Neurolysis of posterior tibial nerve; curettage of 1st metatarsal	1	....	1	1	....	....	....	1
Endocarditis, malignant								
Transfusion	1	....	1	....	....	1	....	1
Lesions of heart								
Tonsillectomy	2	5	7	7	....	....	....	7
Thrombosis of veins of spermatic cord								
Orchidectomy	1	....	1	....	1	....	....	1
Varicose veins of leg								
Excision of varicosities	26	9	35	35	....	....	....	35

a See No. 5. *b* See No. 7.

Table B — Surgical Operations, 1918 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1919	Total
SECTION XII								
Diseases of the Lymphatic System								
Adenitis, cervical								
Excision of lymph nodes	1	3	4	3	1	....	....	4
Incision and curettage	....	1	1	1	....	....	....	1
Incision and drainage	1	2	3	3	....	....	....	3
Adenitis, cervical, and adenoids								
Tonsillectomy and excision of adenoids	....	1	1	1	....	....	....	1
Adenitis, inguinal								
Incision and drainage	3	....	3	3	....	....	....	3
(Diagnosis)								
Excision of axillary lymph node	1	....	1	....	1	....	....	1
Excision of cervical lymph node	2	4	6	4	2	....	....	6
Excision of inguinal lymph node	1	1	2	1	....	....	1	2
Lymphangitis of arm								
Incision and drainage with amputation of finger	1	....	1	1	....	....	....	1
SECTION XIII								
Diseases of the Blood								
Anemia, pernicious								
Transfusion	10	11	21	19	2	....	....	21
Anemia, secondary								
Transfusion	5	6	11	9	1	....	1	11
SECTION XIV								
Diseases of the Ductless Glands								
A. Spleen								
Anemia, splenic								
Splenectomy	1	....	1	1	....	....	....	1

Table B — Surgical Operations, 1918 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1919	Total
SECTION XIV								
Banti's disease								
Splenectomy	1	1	2	2	....	....	....	2
Enlarged spleen								
Splenectomy	....	1	1	1	....	....	....	1
C. Thyroid Gland								
Goitre, colloid								
Hemithyroidectomy	1	4	5	5	....	....	....	5
Subtotal thyroidectomy	....	1	1	1	....	....	....	1
Goitre, cystic								
Hemithyroidectomy	....	1	1	1	....	....	....	1
Goitre, exophthalmic								
Hemithyroidectomy	1	4	5	5	....	....	....	5
1. Hemithyroidectomy. 2. Ligation of superior thyroid arteries	....	1	1	1	....	....	....	1
Subtotal thyroidectomy	....	6	6	5	....	1[a]	....	6
Goitre, toxic								
Hemithyroidectomy	....	1	1	1	....	....	....	1
Retrosternal thyroid								
Subtotal thyroidectomy	....	1	1	....	....	1	....	1
Thyroiditis								
Hemithyroidectomy	....	1	1	1	....	....	....	1
SECTION XV								
Diseases of the Nervous System								
A. Injuries to the Nervous System								
Injury to brachial plexus								
Exploring musculo-spiral nerve	1	....	1	....	1	....	....	1
Pain in amputated arm								
Laminectomy, for relief	1	....	1	1	....	....	....	1
Rupture brachial plexus								
Amputation of arm	1	....	1	1	....	....	....	1
Exploratory	....	1	1	1	....	....	....	1
Severed nerve								
Neurorrhaphy	1	....	1	1	....	....	....	1

[a] See No. 137.

Table B — Surgical Operations, 1918 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1919	Total
SECTION XV								
B. Infection of the Nervous System								
Meningitis, pneumococcus								
Lumbar puncture	1	....	1	....	....	1[a]	....	1
C. Inflammation and Degeneration of Nerves								
Fibrosis of ulnar nerve								
Neurolysis	1	....	1	1	....	....	....	1
Neuritis, brachial								
Excision of transverse process of sixth cervical vertebra	....	1	1	1	....	....	....	1
Paralysis, facial								
Nerve anastomosis	....	2	2	2	....	....	....	2
Plastic	....	1	1	1	....	....	....	1
D. Spinal Cord Disease (Diagnosis)								
Laminectomy	1	....	1	1	....	....	....	1
Hemiplegia, spastic								
Stoeffel's operation	3	2	5	5	....	....	....	5
Lateral sclerosis								
Lengthening tendo-Achilles	1	1	2	2	....	....	....	2
E. Brain Disease								
(*Craniotomy, exploratory, with decompression. No pathology found*)	1	....	1	1	....	....	....	1
Hernia of brain								
Plastic on scalp	1	....	1	1	....	....	....	1
Paralysis, infantile cerebral								
Craniotomy, exploratory, with decompression	1	....	1	1	....	....	....	1
Wound, gunshot, of head								
Craniotomy with decompression	1	....	1	....	....	1[b]	....	1
Removal of bullet from mastoid process	....	1	1	1	....	....	....	1
Trephining skull; removal of bullet	1	....	1	....	....	1[c]	....	1
J. Nervous Diseases without Recognized Pathology								
Causalgia of median nerve								
Exploratory	1	....	1	1	....	....	....	1

a See No. 99. *b* See No. 43. *c* See No. 139.

Table B — Surgical Operations, 1918 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1919	Total
SECTION XV								
Migraine								
Extraction of teeth	....	1	1	1	....	....	....	1
Neuralgia of cervical and dorsal nerves								
Laminectomy and cutting of nerve roots	1	....	1	....	....	1[a]	....	1
Neuralgia, infraorbital								
Evulsion of nerve	....	1	1	1	....	....	....	1
Neuralgia, intercostal								
Resection of nerve	1	....	1	1	....	....	....	1
Neuralgia, supraorbital								
Neurorrhaphy	....	1	1	1	....	....	....	1
Neuralgia, trigeminal								
Alcohol injection	1	6	7	5	1	....	1	7
1. Alcohol injection. 2. Extraction of teeth and curettage of jaw	....	1	1	1	....	....	....	1
Enucleation of eye and evulsion of nerves	1	....	1	1	....	....	....	1
Evulsion of nerve	2	4	6	6	....	....	....	6
Evulsion of nerves and alcohol injection	1	1	2	2	....	....	....	2
Extraction of impacted tooth	1	5	6	6	....	....	....	6
Extraction of teeth and curettage of jaw	1	2	3	1	2	....	....	3
Neurectomy	3	1	4	4	....	....	....	4
Torticollis								
Tenotomy	1	....	1	1	....	....	....	1
SECTION XVI								
Diseases of Bones, Joints, Muscles, Tendons and Fascia								
A. Bones (Tuberculosis excepted)								
Abscess of jaw								
Curettage	....	1	1	1	....	....	....	1
Incision and drainage	....	1	1	1	....	....	....	1

a See No. 75.

Table B — Surgical Operations, 1918 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1919	Total
SECTION XVI								
Abscess of metatarsal bone								
Incision and curettage	....	1	1	1	....	....	....	1
Abscess of radius								
Incision and curettage	1	....	1	1	....	....	....	1
Defect, postoperative, of skull								
Bone grafting	1	....	1	1	....	....	....	1
Exostosis of femur								
Excision	1	....	1	1	....	....	....	1
Excision; incision and drainage of hematoma of thigh	1	....	1	1	....	....	....	1
Exostosis of metatarsal bone								
Excision	1	....	1	1	....	....	....	1
Exostosis of os calcis								
Excision	3	....	3	3	....	....	....	3
Exostosis of scapula								
Excision	1	....	1	1	....	....	....	1
Fracture of clavicle (old)								
Excision of exostosis	1	....	1	1	....	....	....	1
Fracture of coccyx, simple								
Coccygectomy	....	3	3	3	....	....	....	3
Fracture, Colles', simple								
Closed reduction	2	1	3	3	....	....	....	3
Open reduction	2	....	2	2	....	....	....	2
Fracture of elbow, simple								
Closed reduction	1	....	1	1	....	....	....	1
Open reduction	1	1	2	2	....	....	....	2
Fracture of elbow, compound comminuted								
Open reduction	1	....	1	1	....	....	....	1
Fracture of femur, simple								
Closed reduction	3	2	5	5	....	....	....	5
1. Closed reduction. 2. Open reduction	1	....	1	1	....	....	....	1
1. Closed reduction. 2. Open reduction. 3. Attempted correction of bowing deformity. 4. Correction of deformity	1	....	1	1	....	....	....	1
Open reduction	10	4	14	12	....	....	2	14

Table B — Surgical Operations, 1918 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1919	Total
SECTION XVI								
Fracture of femur, simple — continued								
1. Open reduction. 2. Closed reduction	1	....	1	1	....	....	....	1
1. Open reduction. 2. Removing bone plate	1	....	1	1	....	....	....	1
Fracture of femur into knee-joint								
Excision of joint; bone grafting	1	....	1	1	....	....	....	1
Fracture of femur, compound, into knee-joint								
Excision of joint	1	....	1	1	....	....	....	1
Fracture of neck of femur, simple								
Closed reduction	5	....	5	4	....	....	1	5
Fracture of fibula, simple								
Closed reduction	3	....	3	3	....	....	....	3
Fracture of fibula, comminuted								
Removing fragments of bone; partial astragalectomy	1	....	1	....	1	....	....	1
Fracture of humerus, simple								
Closed reduction	1	2	3	3	....	....	....	3
Open reduction	3	2	5	5	....	....	....	5
Fracture of humerus (old)								
Removing bone plate	1	....	1	1	....	....	....	1
Fracture of jaw, simple								
1. Elevating fragments. 2. Extraction of broken teeth. 3. Enucleation of eye	....	1	1	1	....	....	....	1
Fracture of malar bone, compound comminuted								
Repair	1	....	1	1	....	....	....	1
Fracture of metatarsal bone, simple								
Closed reduction	....	1	1	1	....	....	....	1
Fracture of metatarsal bones, compound								
Open reduction	1	....	1	1	....	....	....	1
Fracture of nasal bones, simple								
Closed reduction	1	1	2	2	....	....	....	2

Table B — Surgical Operations, 1918 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1919	Total
SECTION XVI								
Fracture of os calcis, simple								
Closed reduction	1	....	1	1	....	....	....	1
1. Closed reduction. 2. Tenotomy of tendo-Achillis	1	....	1	1	....	....	....	1
Fracture of os calcis, compound, with gas bacillus infection								
1. Incision and drainage. 2. Amputation of foot	1	....	1	1	....	....	....	1
Fracture of os innominatum, simple								
Wiring pubic bones; external and internal urethrotomy with cystostomy for ruptured urethra	1	....	1	....	....	1[a]	....	1
Fracture of patella, simple								
Suturing patella	1	2	3	3	....	....	....	3
Suturing periosteum	1	....	1	1	....	....	....	1
Fracture of phalanx (finger), simple								
Open reduction	....	1	1	1	....	....	....	1
Fracture of phalanx (finger), old								
Excision of exostosis	1	....	1	1	....	....	....	1
Fracture, Pott's, simple								
Closed reduction	1	1	2	1	....	....	1	2
Fracture of radius, simple								
Closed reduction	3	....	3	3	....	....	....	3
Open reduction	2	....	2	2	....	....	....	2
Open reduction with excision of head of bone	1	....	1	1	....	....	....	1
Fracture of radius and ulna, simple								
1. Attempted closed reduction. 2. Open reduction	1	....	1	1	....	....	....	1
1. Open reduction. 2. Incision and drainage for osteomyelitis. 3. Sequestrectomy	....	1	1	1	....	....	....	1
Fracture of scaphoid with dislocation of ankle								
Closed reduction	1	....	1	1	....	....	....	1
Fracture of skull, simple								
Craniotomy and decompression	3	2	5	1	....	4[b]	....	5

a See No. 141. *b* See Nos. 38, 39, 40, 41.

Table B — Surgical Operations, 1918 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1919	Total
SECTION XVI								
Fracture of skull, compound								
Craniotomy and decompression	2	....	2	1	....	1[a]	....	2
Fracture of tibia, simple								
Bone grafting	1	....	1	1	....	....	....	1
Open reduction	1	1	2	2	....	....	....	2
1. Open reduction. 2. Removing bone plate. 3. Incision and drainage for sepsis	1	....	1	1	....	....	....	1
Fracture of tibia and fibula, simple								
Closed reduction	6	2	8	7	1	....	....	8
1. Closed reduction. 2. Open reduction. 3. Removing bone plate	1	....	1	1	....	....	....	1
Open reduction	8	....	8	8	....	....	....	8
1. Open reduction. 2. Removing bone plate	2	1	3	3	....	....	....	3
Fracture of tibia and fibula, compound								
Open reduction	4	....	4	2	....	....	2	4
1. Open reduction. 2. Amputation of leg for gas bacillus infection	1	....	1	....	....	....	1	1
Fracture of tibia and fibula, compound comminuted								
1. Open reduction. 2. Removing sutures; drainage for gas bacillus infection	1	....	1	....	....	....	1	1
Fracture of ulna (olecranon), simple								
Open reduction	1	....	1	1	....	....	....	1
Fracture of ulna (olecranon), compound								
1. Incision and drainage of septic wound. 2. Open reduction of fracture	1	....	1	1	....	....	....	1
Fracture of vertebra								
Bone grafting	4	....	4	3	....	....	1	4
Malunion of radius and ulna								
Osteotomy of radius	1	....	1	1	....	....	....	1

a See No. 42.

Table B — Surgical Operations, 1918 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1919	Total
SECTION XVI								
Malunion of tibia and fibula								
Correction of deformity	1	....	1	1	....	....	....	1
Necrosis of femur								
Sequestrectomy	1	....	1	1	....	....	....	1
Necrosis of jaw								
Extraction of teeth and curettage	1	....	1	1	....	....	....	1
Resection of jaw	1	....	1	1	....	....	....	1
Sequestrectomy	....	1	1	1	....	....	....	1
Necrosis of rib								
Sequestrectomy	1	....	1	1	....	....	....	1
Necrosis of ulna (olecranon)								
Curettage	1	....	1	1	....	....	....	1
Non-union of clavicle								
Open reduction	....	1	1	1	....	....	....	1
Non-union of femur								
Bone grafting	....	1	1	....	....	....	1	1
Open reduction	1	1	2	1	....	....	1	2
Non-union of humerus								
Open reduction	....	1	1	1	....	....	....	1
Plastic	1	....	1	1	....	....	....	1
Non-union of radius and ulna								
Open reduction	3	....	3	3	....	....	....	3
Osteochondritis dessicans								
Arthrotomy of knee with removal of bony fragment	3	....	3	2	....	....	1	3
Osteogenesis imperfecta								
Osteotomy of tibiae	1	1	2	2	....	....	....	2
Osteomyelitis of astragalus								
Amputation of foot	1	....	1	1	....	....	....	1
Osteomyelitis of femur								
Incision and curettage	2	....	2	2	....	....	....	2
Incision and drainage	9	5	14	11	1	....	2	14
Manipulation	1	....	1	1	....	....	....	1
Sequestrectomy	2	2	4	4	....	....	....	4
1. Sequestrectomy. 2. Osteotomy of femur. 3. Incision and drainage	1	....	1	1	....	....	....	1
Osteomyelitis of hip								
Amputation at hip-joint	1	....	1	....	....	1[a]	....	1

a See No. 3.

Table B — Surgical Operations, 1918 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1919	Total
SECTION XVI								
Osteomyelitis of humerus								
Incision and drainage	2	....	2	2	....	....	....	2
Sequestrectomy	....	1	1	1	....	....	....	1
Osteomyelitis of ilium								
Incision and curettage	1	....	1	1	....	....	....	1
1. Incision and drainage. 2. Plastic on hip	....	1	1	1	....	....	....	1
Osteomyelitis of jaw								
Extraction of teeth and curettage	5	10	15	15	....	....	....	15
Incision and curettage	....	3	3	3	....	....	....	3
Sequestrectomy	....	2	2	2	....	....	....	2
Osteomyelitis of metacarpal bones								
Incision and drainage	1	....	1	1	....	....	....	1
Osteomyelitis of metatarsal bones								
Incision and curettage	2	....	2	2	....	....	....	2
Osteomyelitis of radius								
Exploratory	1	....	1	1	....	....	....	1
Sequestrectomy	1	....	1	1	....	....	....	1
Osteomyelitis of radius with ankylosis of elbow								
Excision of head of radius	....	1	1	1	....	....	....	1
Osteomyelitis of rib								
Resection	1	....	1	1	....	....	....	1
Osteomyelitis of tibia								
Incision and curettage	1	2	3	3	....	....	....	3
Incision and drainage	3	1	4	3	....	....	1	4
Sequestrectomy	1	....	1	1	....	....	....	1
Osteomyelitis of ulna								
Incision and drainage	....	1	1	1	....	....	....	1
Periostitis, traumatic, of tibia								
Osteotomy	1	....	1	1	....	....	....	1
(Removing bone plate)	3	....	3	1	....	....	2	3
Separation of epiphysis (lower) of humerus								
Open reduction	....	1	1	1	....	....	....	1
Separation of epiphysis (lower) of radius								
Open reduction	....	1	1	1	....	....	....	1

Table B — Surgical Operations, 1918 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1919	Total
SECTION XVI								
Sinus to jaw								
Curettage of antrum; extraction of tooth roots	....	1	1	1	....	....	....	1
B. Joints								
Ankylosis of elbow								
Excision of callus	1	....	1	1	....	....	....	1
Ankylosis of jaw								
Section of ramus and implantation of fat fascia	....	1	1	1	....	....	....	1
Ankylosis of knee								
Excision of joint	....	1	1	1	....	....	....	1
1. Osteotomy of femur and tibia. 2. Incision and drainage of postoperative hematoma	1	....	1	1	....	....	....	1
Manipulation	....	1	1	1	....	....	....	1
Arthritis, atrophic (general)								
Manipulation of joints	1	....	1	1	....	....	....	1
Dislocation of ankle								
Closed reduction	1	....	1	1	....	....	....	1
Dislocation of elbow								
Open reduction	1	1	2	2	....	....	....	2
Dislocation of hip								
1. Attempted closed reduction. 2. Open reduction by excision of head of femur. 3. Closed reduction of dislocated neck of femur	1	....	1	1	....	....	....	1
Dislocation of metacarpo-phalangeal joint								
Excision of head of metacarpal bone	1	....	1	1	....	....	....	1
Dislocation of shoulder								
Attempted reduction	1	....	1	....	....	....	1	1
Dislocation of shoulder, recurrent								
Excision of capsule	1	....	1	1	....	....	....	1
Shortening subscapular tendon	1	....	1	1	....	....	....	1
Dislocation of toes								
Excision of distal ends of phalanges	....	1	1	1	....	....	....	1

Table B — Surgical Operations, 1918 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1919	Total
SECTION XVI								
Dislocation of vertebrae (lumbar)								
Manipulation	1	....	1	1	....	....	....	1
Dislocation of wrist								
Excision of semilunar bone	1	....	1	1	....	....	....	1
Displaced semilunar cartilage								
Excision	6	1	7	7	....	....	....	7
Foreign body in knee-joint								
Arthrotomy	1	....	1	1	....	....	....	1
Loose cartilage in joint								
Excision	....	1	1	1	....	....	....	1
Thickened semilunar cartilage								
1. Excision. 2. Incision and lavage of knee-joint	1	....	1	1	....	....	....	1
Wound, gunshot, of knee								
Removal of shrapnel	1	....	1	1	....	....	....	1
C. Other Diseases of Organs of Locomotion								
Bursitis of ankle								
Excision of bursa	2	....	2	2	....	....	....	2
Bursitis, prepatellar								
Excision of bursa	1	1	2	2	....	....	....	2
Bursitis, subacromial								
Excision of bursa	2	1	3	3	....	....	....	3
Incision and drainage	1	....	1	1	....	....	....	1
Manipulation of shoulder	....	2	2	2	....	....	....	2
Contraction of knee								
Plastic	....	1	1	1	....	....	....	1
Contraction of toes								
Manipulation of foot; tenoplasty	1	....	1	1	....	....	....	1
Contraction, cicatricial, of axilla								
Plastic	1	....	1	1	....	....	....	1
Contraction, cicatricial, of eyebrow								
Plastic; skin grafting	....	1	1	1	....	....	....	1
Contraction, cicatricial, of finger								
Plastic	1	2	3	3	....	....	....	3
Contraction, cicatricial, of knee								
Tenotomy of hamstring; lengthening of tendo-Achillis	1	....	1	1	....	....	....	1

Table B — Surgical Operations, 1918 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1919	Total
SECTION XVI								
Contraction, cicatricial, of lip								
Plastic	1	....	1	1	....	....	....	1
Contraction, cicatricial, of neck								
Plastic	2	....	2	2	....	....	....	2
Contraction, Dupuytren's								
Excision of palmar fascia	1	....	1	1	....	....	....	1
Contractures, spastic								
Tenoplasty	1	....	1	1	....	....	....	1
Ganglion of foot								
Excision	2	....	2	2	....	....	....	2
Genu valgum								
Osteoclasis	1	....	1	1	....	....	....	1
Osteotomy of femur	2	3	5	5	....	....	....	5
1. Osteotomy of femur and lengthening of tendo-Achillis. 2. Manipulation	....	1	1	1	....	....	....	1
Osteotomy of tibia	1	....	1	1	....	....	....	1
Genu varum								
Osteoclasis	1	....	1	1	....	....	....	1
Osteotomy of femur	....	1	1	1	....	....	....	1
Osteotomy of tibiae and fibulae; lengthening of tendo-Achillis	1	....	1	1	....	....	....	1
Hallux rigidus								
Excision of head of metatarsal	1	....	1	1	....	....	....	1
Hallux valgus								
Excision of head of metatarsal	1	10	11	11	....	....	....	11
Hammer toe								
Amputation	....	1	1	....	....	....	1	1
Excision of heads of phalanges	1	....	1	1	....	....	....	1
Excision of heads of phalanges; lengthening of tendo-Achillis	1	....	1	1	....	....	....	1
Inflammation, chronic, of foot								
Incision and drainage; excision of specimen	1	....	1	....	....	....	1	1
Painful stump of arm								
Resection of brachial plexus	2	....	2	....	2	....	....	2
Painful stump of leg								
Excision of cicatrix	1	....	1	1	....	....	....	1

Table B — Surgical Operations, 1918 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1919	Total
SECTION XVI								
Painful stump of leg — continued								
Re-amputation	4	....	4	4	....	....	....	4
Rupture of supraspinatus tendon								
Tenorrhaphy	1	....	1	1	....	....	....	1
Severed tendon								
Tenorrhaphy	1	....	1	1	....	....	....	1
Strain, sacro-iliac								
Manipulation	4	1	5	5	....	....	....	5
Talipes cavus, congenital								
Lengthening of tendo-Achillis; tenotomy	1	....	1	1	....	....	....	1
Lengthening of tendo-Achillis; tenotomy; fasciotomy	1	....	1	1	....	....	....	1
Tenotomy; fasciotomy	1	....	1	1	....	....	....	1
Talipes equino-varus, congenital								
Manipulation; tenotomy	....	1	1	1	....	....	....	1
Osteotomy	1	....	1	1	....	....	....	1
Osteotomy; excision of fifth metatarsal	1	....	1	1	....	....	....	1
Tenotomy; fasciotomy	1	....	1	1	....	....	....	1
Talipes equinus, congenital								
Amputation of leg	1	....	1	....	....	....	1	1
Wound, gunshot, of arm								
Removing fragments of bone; Carrel drainage	1	....	1	1	....	....	....	1
Wound, gunshot, of neck								
Removal of bullet	1	....	1	....	....	....	1	1
Wounds, extensive lacerated, of leg								
Amputation of leg	....	1	1	....	....	1[a]	....	1
1. Repair. 2. Amputation of leg, for osteomyelitis	1	....	1	1	....	....	....	1
Wounds, extensive lacerated, of perineum, buttocks and rectum								
Repair	1	....	1	....	....	1[b]	....	1

a See No. 4. *b* See No. 116.

Table B — Surgical Operations, 1918 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1919	Total
SECTION XVII								
Diseases of the Eye and Ear								
A. Eye								
Ophthalmitis, purulent								
Enucleation of eye	....	1	1	....	....	1[a]	....	1
Ulcers, corneal								
Extraction of teeth; curettage	....	1	1	1	....	....	....	1
B. Ear								
Mastoiditis, acute								
Incision and drainage	1	1	2	1	1	....	....	2
Mastoidectomy	3	5	8	7	....	1	....	8
Otitis media, acute								
Paracentesis	7	4	11	11	....	....	....	11
SECTION XVIII								
Diseases of the Nose and Accessory Sinuses								
Deformity of nose								
Bone transplantation	1	1	2	2	....	....	....	2
Plastic	2	1	3	3	....	....	....	3
Deviated septum								
Submucous resection	24	14	38	38	....	....	....	38
Submucous resection; excision of adenoids	1	1	2	2	....	....	....	2
Submucous resection; turbinotomy	4	2	6	6	....	....	....	6
Submucous resection; turbinotomy; excision of adenoids	1	....	1	1	....	....	....	1
Empyema of antrum								
Extraction of teeth; incision and curettage	....	4	4	1 4	....	....	....	1 4
Incision and drainage	1	3	4	4	....	....	....	4
Radical operation	9	13	22	21	....	1	....	22
Sequestrectomy of jaw; drainage of antrum	1	....	1	1	....	....	....	1
Ethmoiditis								
Exenteration of ethmoids	1	1	2	2	....	....	....	2

[a] See No. 53.

Table B — Surgical Operations, 1918 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1919	Total
SECTION XVIII								
Ethmoiditis — continued								
External anterior ethmoid-sinus operation	....	1	1	....	....	....	1	1
Turbinotomy; excision of ethmoid	1	....	1	1	....	....	....	1
Hypertrophy of turbinates								
Turbinotomy	....	1	1	1	....	....	....	1
Naso-pharyngitis								
Paracentesis of antrum	....	1	1	1	....	....	....	1
Pansinusitis								
Curettage of ethmoids and frontal sinus	1	1	2	2	....	....	....	2
Radical operation	2	....	2	2	....	....	....	2
Polypoid degeneration of antra and ethmoids								
Curettage	1	....	1	1	....	....	....	1
Rhinitis, vaso-motor								
Paracentesis of antrum; curettage of ethmoids	1	....	1	1	....	....	....	1
Sinusitis								
Excision of nasal polypi	1	....	1	1	....	....	....	1
Incision, curettage and drainage	1	....	1	1	....	....	....	1
Radical antrum operation	6	8	14	14	....	....	....	14
SECTION XIX								
Diseases of Mouth, Lips, Pharynx and Tonsils								
Abscess, peritonsillar								
Incision and drainage	2	....	2	1	....	1	....	2
Abscess, retropharyngeal								
Incision and drainage	1	....	1	1	....	....	....	1
Adenoids								
Excision	10	9	19	19	....	....	....	19
Deformity, postoperative, of lip								
Plastic	1	....	1	1	....	....	....	1
Hypertrophy of parotid								
Exploratory	1	....	1	1	....	....	....	1

Table B — Surgical Operations, 1918 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1919	Total
SECTION XIX								
Parotitis, acute								
Incision and drainage	1	1	2	2	....	....	....	2
Tonsillitis, chronic								
Tonsillectomy	44	60	104	102	....	....	2	104
1. Tonsillectomy. 2. Suturing tonsillar pillars for hemorrhage	....	1	1	1	....	....	....	1
1. Tonsillectomy. 2. Tracheotomy for deep cervical adenitis	1	....	1	....	....	1	....	1
Tonsils and adenoids								
Tonsillectomy; curettage	1	1	2	2	....	....	....	2
Tonsillectomy and excision of adenoids	56	56	112	112	....	....	....	112
1. Tonsillectomy and excision of adenoids. 2. Suturing tonsillar pillars for hemorrhage. 3. Secondary suture of pillars	....	1	1	....	1	....	....	1
SECTION XX								
Diseases of Jaw, Teeth and Gums								
Abscess, alveolar								
Curettage of jaw	....	1	1	1	....	....	....	1
Extraction of teeth	....	5	5	5	....	....	....	5
Extraction of teeth and curettage of jaw	4	11	15	15	....	....	....	15
Caries of teeth								
Extraction	1	....	1	1	....	....	....	1
Deformity of jaw								
Osteotomy with correction	....	1	1	1	....	....	....	1
Impacted tooth								
Extraction	3	13	16	16	....	....	....	16
1. Radical antrum operation and extraction of tooth. 2. Excision of adenoids	....	1	1	1	....	....	....	1
Malformation of jaw								
Extraction of teeth	....	1	1	1	....	....	....	1

Table B — Surgical Operations, 1918 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1919	Total
SECTION XXI								
Diseases of the Tongue								
Abscess of tongue								
Incision and drainage	1	....	1	1	....	....	....	1
SECTION XXII								
Diseases of the Esophagus								
Cardiospasm								
Esophagoscopy	2	....	2	2	....	....	....	2
Stricture								
Dilatation	....	2	2	....	1	1[a]	....	2
Esophagoscopy	....	2	2	1	1	....	....	2
Web of esophagus								
Esophagoscopy	....	1	1	1	....	....	....	1
SECTION XXIII								
Diseases of the Stomach								
Adhesions								
Laparotomy with lysis of adhesions	2	....	2	2	....	....	....	2
(Diagnosis)								
Gastrotomy	1	....	1	1	....	....	....	1
Hematemesis								
Transfusion	....	1	1	....	1	....	....	1
Rupture of stomach								
Gastrorrhaphy	1	....	1	....	....	1[b]	....	1
Torsion of stomach								
Gastropexy	....	1	1	1	....	....	....	1
Ulcer								
1. Cauterization. 2. Gastro-enterostomy	1	....	1	1	....	....	....	1
Cauterization; infolding of ulcer	1	....	1	1	....	....	....	1
Excision of ulcer	2	....	2	2	....	....	....	2
Gastro-enterostomy	9	6	15	13	....	....	2	15

[a] See No. 49.

[b] See No. 65.

Table B — Surgical Operations, 1918 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1919	Total
SECTION XXIII								
Ulcer — continued								
Gastro-enterostomy with cauterization	3	....	3	2	....	1[a]	....	3
Gastro-enterostomy with excision of old stoma	1	....	1	....	....	1[b]	....	1
Gastro-enterostomy with excision of ulcer	3	....	3	3	....	....	....	3
1. Gastro-enterostomy. 2. Secondary suture of abdominal wound	1	....	1	1	....	....	....	1
Ulcer, perforating								
Gastro-enterostomy	1	....	1	1	....	....	....	1
Laparotomy with suture of perforation	3	....	3	1	....	1[c]	1	3
SECTION XXIV								
Diseases of the Intestines								
Abscess, retrocecal								
Appendectomy with drainage	1	....	1	1	....	....	....	1
Adhesions								
Freeing adhesions; ligation of large intestine. (Second stage operation)	1	....	1	1	....	....	....	1
Laparotomy with freeing of adhesions	4	6	10	9	....	....	1	10
Laparotomy with freeing of adhesions; gastro-enterostomy	....	1	1	1	....	....	....	1
Laparotomy with freeing of adhesions; (routine appendectomy)	2	....	2	2	....	....	....	2
Appendicitis, acute								
Appendectomy	71	66	137	128	....	3[d]	6	137
1. Appendectomy. 2. Lateral anastomosis for intestinal obstruction	1	....	1	1	....	....	....	1
1. Appendectomy. 2. Repacking wound for hemorrhage	1	....	1	1	....	....	....	1

a See No. 63. *b* See No. 64. *c* See No. 83. *d* See Nos. 9, 10.

Table B — Surgical Operations, 1918 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1919	Total
SECTION XXIV								
Appendicitis, acute — continued								
1. Appendectomy. 2. Resuture of abdominal wound	1	....	1	1	....	....	....	1
Appendicitis, acute, with abscess								
Appendectomy with drainage of abscess	6	2	8	8	....	....	....	8
Laparotomy with drainage of abscess	2	4	6	5	....	....	1	6
Appendicitis, acute, with peritonitis								
Appendectomy with drainage	6	5	11	4	....	7[a]	....	11
1. Appendectomy with drainage. 2. Exploring abdominal sinus for possible abscess	1	....	1	1	....	....	....	1
1. Appendectomy with drainage. 2. Freeing adhesions for intestinal obstruction	1	....	1	1	....	....	....	1
Exploratory laparotomy with drainage	1	1	2	....	....	2[b]	....	2
Appendicitis, chronic								
Appendectomy	55	128	183	174	3	....	6	183
Appendicitis, subacute								
Appendectomy	16	33	49	47	1	1[c]	....	49
1. Appendectomy. 2. Packing wound for hemorrhage. 3. Incision and drainage of abscess of abdominal wall	1	....	1	....	....	1[d]	....	1
Colitis								
Appendicostomy	3	....	3	2	....	1[e]	....	3
Colitis, ulcerative								
Exploratory laparotomy; ileostomy	....	1	1	....	....	1[f]	....	1
Resection with lateral anastomosis	1	....	1	1	....	....	....	1
Contraction of colostomy								
Enlarging opening	....	1	1	1	....	....	....	1
Dilatation of cecum								
Exploratory laparotomy; cecostomy	....	1	1	1	....	....	....	1
Diverticulum								
Excision of diverticulum; (routine appendectomy)	1	....	1	1	....	....	....	1
Pylorectomy	1	....	1	1	....	....	....	1

a See Nos. 11, 12, 13, 14, 15, 16, 17. *b* See Nos. 92, 93. *c* See No. 18.
d See No. 19. *e* See No. 20. *f* See No. 96.

Table B — Surgical Operations, 1918 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1919	Total
SECTION XXIV								
Enterolith								
Enterotomy with removal	....	1	1	1	....	....	....	1
Fecal fistula								
Closing fistula	....	1	1	1	....	....	....	1
Excision of tract of fistula	1	2	3	3	....	....	....	3
Resection with end-to-end anastomosis	1	....	1	1	....	....	....	1
Foreign body in duodenum								
Gastrotomy with removal of pin	....	1	1	1	....	....	....	1
Intussusception								
1. Enterostomy. 2. Resection with lateral anastomosis	1	....	1	1	....	....	....	1
Enterostomy; (routine appendectomy)	1	....	1	....	....	1[a]	....	1
Exploratory laparotomy	1	....	1	....	....	1[b]	....	1
Reduction; ileostomy	1	....	1	....	....	1[c]	....	1
Reduction; (routine appendectomy)	1	1	2	1	....	1[d]	....	2
1. Resection with lateral anastomosis. 2. Enterostomy	....	1	1	1	....	....	....	2 1
Kinked appendix								
Appendectomy	....	1	1	1	....	....	....	1
Obstruction								
Enterostomy	3	1	4	2	....	2[e]	....	4
Exploratory laparotomy	1	1	2	....	....	2[f]	....	2
Exploratory laparotomy; freeing adhesions	3	4	7	5	....	2[g]	....	7
1. Laparotomy with freeing of adhesions. 2. Secondary laparotomy. 3. Ileostomy	1	....	1	1	....	....	....	1
Resection with lateral anastomosis	1	3	4	2	....	2[h]	....	4
Perforation, intestinal								
Laparotomy with drainage	....	1	1	....	....	1[i]	....	1
Rupture of intestine								
Enterorrhaphy	1	....	1	1	....	....	....	1
Laparotomy with drainage	1	....	1	....	....	1[j]	....	1

a See No. 52. *b* See No. 90. *c* See No. 115. *d* See No. 114. *e* See Nos. 50, 51. See No. 88. *g* See Nos. 94, 95. *h* See Nos. 124, 125. *i* See No. 78. *j* See No. 79.

Table B — Surgical Operations, 1918 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1919	Total
SECTION XXIV								
Stasis and epilepsy								
Appendicostomy	....	1	1	1	....	....	....	1
Colectomy with lateral anastomosis	1	....	1	....	....	1[a]	....	1
Colectomy with lateral anastomosis; (routine appendectomy)	1	....	1	1	....	....	....	1
Ulcer, duodenal								
Exploratory laparotomy	2	....	2	2	....	....	....	2
Gastro-enterostomy	21	9	30	27	....	....	3	30
1. Gastro-enterostomy. 2. Laparotomy with drainage for peritonitis	1	....	1	....	....	1[b]	....	1
1. Gastro-enterostomy. 2. Transfusion for hemorrhage	....	1	1	....	....	1[c]	....	1
Gastro-enterostomy; (routine appendectomy)	4	1	5	5	....	....	....	5
Gastro-enterostomy with cauterization	1	....	1	1	....	....	....	1
Gastro-enterostomy with infolding of ulcer	8	1	9	9	....	....	....	9
Gastro-enterostomy with infolding of ulcer; (routine appendectomy)	....	1	1	1	....	....	....	1
Pylorectomy; gastro-enterostomy	....	1	1	1	....	....	....	1
Ulcer, duodenal (perforating)								
Suturing perforation; omentoplasty	1	....	1	1	....	....	....	1
Ulcer of intestine, typhoid (perforating)								
Laparotomy and infolding of ulcer	2	....	2	....	....	2[d]	....	2
SECTION XXV								
Diseases of Liver and Gall Ducts								
Abscess of round ligament of liver								
Incision and drainage	....	1	1	....	....	....	1	1

a See No. 32. *b* See No. 61. *c* See No. 62. *d* See Nos. 81, 82.

Table B — Surgical Operations, 1918 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1919	Total
SECTION XXV								
Adhesions about gall bladder								
Lysis of adhesions	....	2	2	2	....	....	....	2
Cholecystitis, acute								
Cholecystectomy	2	6	8	8	....	....	....	8
Exploratory laparotomy; (routine appendectomy)	1	....	1	1	....	....	....	1
Cholecystitis, acute, and cholangitis								
Cholecystostomy	1	....	1	1	....	....	....	1
Cholecystitis, acute, and cholelithiasis								
Cholecystostomy	....	1	1	1	....	....	....	1
Cholecystitis, chronic								
Cholecystectomy	3	6	9	7	....	1[a]	1	9
Cholecystectomy; (routine appendectomy)	....	3	3	3	....	....	....	3
1. Cholecystectomy. 2. Curetting persistent sinus	1	....	1	....	....	....	1	1
Cholelithiasis								
Cholecystectomy	10	41	51	41	2	5[b]	3	51
1. Cholecystectomy. 2. Exploratory laparotomy for post-operative hemorrhage	1	....	1	1	....	....	....	1
1. Cholecystectomy. 2. Incision, drainage, and curettage for necrosis of cartilage and rib	1	....	1	1	....	....	....	1
Cholecystectomy; choledochostomy	3	10	13	11	....	....	2	13
Cholecystectomy; (routine appendectomy)	5	8	13	12	....	1[c]	....	13
Cholecystostomy	....	7	7	6	1	....	....	7
Choledochostomy	....	4	4	3	....	....	1	4
1. Choledochotomy. 2. Jejunostomy for duodenal fistula	1	....	1	....	....	1[d]	....	1
Cholelithiasis and gangrene								
Cholecystectomy	3	....	3	2	....	1	....	3
Cirrhosis of liver								
Exploratory laparotomy	2	....	2	2	....	....	....	2
Exploratory laparotomy and omentopexy	....	1	1	....	1	....	....	1

a See No. 27. *b* See Nos. 21, 22, 23, 24, 25. *c* See No. 26. *d* See No. 31.

Table B — Surgical Operations, 1918 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1919	Total
SECTION XXV								
Empyema of gall bladder								
1. Cholecystectomy. 2. Resuture of wound for hernia	1	....	1	....	....	1[a]	....	1
Cholecystostomy	....	1	1	1	....	....	....	1
Jaundice, obstructive								
Cholecysto-enterostomy	1	....	1	1	....	....	....	1
Sinus to gall bladder								
Exploratory laparotomy; freeing adhesions; excision stump of gall bladder	....	1	1	1	....	....	....	1
SECTION XXVI								
Diseases of the Pancreas								
Pancreatitis, acute								
Cholecystostomy	....	1	1	1	....	....	....	1
SECTION XXVII								
Diseases of the Abdomen and Peritoneum in General								1
Abscess, abdominal								
Laparotomy with drainage	....	1	1	1	....	....	....	1
Abscess, retroperitoneal								
Laparotomy with drainage	2	1	3	3	....	....	....	3
Abscess, subphrenic								
Laparotomy with drainage	1	....	1	1	....	....	....	1
Resection of ribs with drainage	1	....	1	....	....	1[b]	....	1
Thoracotomy	1	....	1	1	....	....	....	1
(Diagnosis)								
Exploratory laparotomy	4	9	13	8	3	....	2	13
Exploratory laparotomy; (routine appendectomy)	1	4	5	5	....	....	....	5
Diastasis recti								
Repair	....	1	1	1	....	....	....	1

a See No. 128. *b* See No. 127.

Table B — Surgical Operations, 1918 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1919	Total
SECTION XXVII								
Foreign bodies in abdomen								
Exploratory laparotomy (negative findings)	....	1	1	1	....	....	....	1
Hernia, epigastric								
Incision and drainage (for infection)	1	....	1	1	....	....	....	1
Radical cure	4	....	4	4	....	....	....	4
Hernia, epigastric (strangulated)								
Resection of intestine with lateral anastomosis	1	....	1	1	....	....	....	1
Hernia, femoral								
Radical cure	5	8	13	13	....	....	....	13
Hernia, femoral (strangulated)								
Radical cure	2	5	7	7	....	....	....	7
Resection of intestine; enterostomy	....	1	1	....	....	1[a]	....	1
1. Resection of intestine; enterostomy. 2. Resection of intestine with end-to-end anastomosis	....	1	1	1	....	....	....	1
Resection of intestine with end-to-end anastomosis	....	1	1	....	....	1[b]	....	1
Hernia, inguinal								
Radical cure	323	19	342	327	....	1[c]	14	342
1. Radical cure. 2. Exploratory laparotomy for intestinal obstruction	1	....	1	....	....	1[d]	....	1
Radical cure; (routine appendectomy)	1	....	1	1	....	....	....	1
Hernia, inguinal (recurrent), with diverticulum of bladder								
Radical cure	1	....	1	1	....	....	....	1
Hernia, inguinal, with undescended testicle								
Radical cure with orchidectomy	9	....	9	8	....	....	1	9
1. Radical cure with orchidopexy. 2. Orchidectomy	1	....	1	1	....	....	....	1
Hernia, inguinal (strangulated)								
Radical cure	6	....	6	6	....	....	....	6
Reduction	1	1	2	1	1	....	....	2

a See No. 121.
b See No. 120.
c See No. 113.
d See No. 89.

Table B — Surgical Operations, 1918 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1919	Total
SECTION XXVII								
Hernia, umbilical								
Radical cure	3	3	6	5	1	....	....	6
Hernia, umbilical (strangulated)								
Radical cure	1	1	2	2	....	....	....	2
Resection of intestine; colostomy	....	1	1	....	....	1[a]	....	1
Hernia, ventral								
Radical cure	11	11	22	19	....	....	3	22
Radical cure; lipectomy	....	1	1	1	....	....	....	1
1. Radical cure. 2. Re-suturing abdominal wound. 3. Second re-suturing	1	....	1	1	....	....	....	1
Hernia, ventral (gall bladder)								
Cholecystectomy	....	1	1	1	....	....	....	1
Hernia, ventral (strangulated)								
Radical cure	1	....	1	1	....	....	....	1
Peritonitis, pelvic								
Laparotomy with drainage	....	1	1	....	....	1[b]	....	1
Sinus, abdominal								
Excision of tract of sinus	1	1	2	2	....	....	....	2
Torsion of omentum								
Resection of omentum	1	....	1	1	....	....	....	1
Wound, lacerated, of abdominal wall								
Repair	1	....	1	1	....	....	....	1
SECTION XXVIII								
Diseases of Rectum and Anus								
Abscess, ischio-rectal								
Incision and drainage	8	6	14	13	....	....	1	14
Abscess, perirectal								
Incision and drainage	2	1	3	3	....	....	....	3
Fissure in anus								
Cauterization	1	....	1	1	....	....	....	1
Dilatation of sphincter	6	3	9	9	....	....	....	9
Excision	1	....	1	1	....	....	....	1

a See No. 117. *b* See No. 77.

Table B — Surgical Operations, 1918 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1919	Total
SECTION XXVIII								
Fistula in anus								
Dilatation of sphincter	1	....	1	1	....	....	....	1
Excision	9	2	11	11	....	....	....	11
Incision and drainage	22	3	25	25	....	....	....	25
Hemorrhoids								
Cauterization	1	....	1	1	....	....	....	1
Clamp and cautery	62	22	84	83	....	....	1	84
1. Clamp and cautery. 2. Excision	1	....	1	1	....	....	....	1
Excision	3	3	6	6	....	....	....	6
Prolapse								
Cauterization	1	....	1	1	....	....	....	1
Proctopexy	1	....	1	1	....	....	....	1
1. Proctopexy and obliteration of posterior cul-de-sac. 2. Routine appendectomy	1	....	1	1	....	....	....	1
Relaxed anal sphincter								
Repair	2	....	2	2	....	....	....	2
Sinus, ischio-rectal								
Incision, curettage and drainage	....	1	1	1	....	....	....	1
Stricture (non-malignant)								
Dilatation	....	2	2	1	1	....	....	2
Ulcer of anus								
Cauterization	1	....	1	1	....	....	....	1
SECTION XXIX								
Disease of Larynx								
Paralysis of vocal cords								
Tracheotomy	....	1	1	1	....	....	....	1
SECTION XXX								
Diseases of the Bronchi								
Bronchiectasis								
Exploring sinus; resection of rib; drainage	1	....	1	1	....	....	....	1
Thoracotomy with resection of rib	1	....	1	1	....	....	....	1

Table B — Surgical Operations, 1918 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1919	Total
SECTION XXX								
(Diagnosis)								
Bronchoscopy	1	....	1	....	1	....	....	1
Foreign body in bronchus								
Bronchoscopy	1	....	1	....	1	....	....	1
SECTION XXXI								
Disease of Lung								
Abscess								
Thoracotomy with resection of ribs; drainage	4	2	6	4	....	1[a]	1	6
1. Thoracotomy with resection of rib. 2. Further resection of ribs and partial lobectomy	1	....	1	....	....	1[b]	....	1
SECTION XXXII								
Diseases of the Pleura								
Empyema								
Carrel drainage for recurrence	1	1	2	2	....	....	....	2
Decortication of lung	1	....	1	....	....	....	1	1
Exploratory thoracotomy	1	....	1	....	....	1	....	1
Thoracotomy with drainage	40	15	55	41	....	3[c]	11	55
1. Thoracotomy with drainage. 2. Thoracotomy with resection of rib	3	1	4	3	....	....	1	4
Thoracotomy with resection of rib; drainage	16	7	23	15	....	2[d]	6	23
1. Thoracotomy with resection of rib; drainage. 2. Suture of wound	1	....	1	1	....	....	....	1
1. Thoracotomy with resection of rib; drainage. 2. Secondary operation; ditto	2	....	2	2	....	....	....	2
Thoracotomy with resection of rib and pleura	1	....	1	1	....	....	....	1

a See No. 134. *b* See No. 133. *c* See Nos. 130, 131, 132. *d* See Nos. 135, 136.

Table B — Surgical Operations, 1918 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1919	Total
SECTION XXXIII								
Diseases of the Kidney and Ureter								
Abscess, perinephric								
Incision and drainage	5	....	5	5	....	....	....	5
Abscess of kidney								
1. Incision and drainage. 2. Nephrectomy	1	....	1	1	....	....	....	1
Calculus, ureteral								
Pyelotomy	1	....	1	....	....	....	1	1
Ureterotomy	6	4	10	10	....	....	....	10
Hematogenous infection, acute								
Incision and drainage	1	....	1	....	....	1	....	1
Hematuria								
Exploratory cystotomy, for cause (?)	....	1	1	1	....	....	....	1
Nephropexy	1	....	1	1	....	....	....	1
Hydronephrosis								
Exploratory	1	....	1	1	....	....	....	1
Nephropexy	1	....	1	1	....	....	....	1
Kinked ureter								
Exploratory laparotomy	....	1	1	....	1	....	....	1
Nephritis, chronic infectious								
Nephrectomy	2	....	2	1	1	....	....	2
Nephrolithiasis								
Nephrectomy	1	....	1	1	....	....	....	1
Nephrotomy	2	....	2	2	....	....	....	2
Pyelotomy	3	2	5	3	....	1	1	5
Pyelotomy; nephropexy	....	1	1	1	....	....	....	1
Pyelotomy; nephrotomy	1	1	2	2	....	....	....	2
Nephrolithiasis and pyonephrosis								
Nephrectomy	1	1	2	2	....	....	....	2
Nephrolithiasis and ureteral calculus								
1. Pyelotomy; nephrostomy. 2. Ureterotomy	1	....	1	1	....	....	....	1
Nephroptosis								
Nephropexy	2	2	4	3	....	....	1	4
Pyelitis								
Pyelotomy	1	....	1	1	....	....	....	1

Table B — Surgical Operations, 1918 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1919	Total
SECTION XXXIII								
Pyelonephritis								
Nephrectomy	1	....	1	1	....	....	....	1
Pyonephrosis								
Nephrectomy	2	6	8	7	....	....	1	8
Torsion of ureter								
Nephrotomy and decapsulation of kidney	....	1	1	1	....	....	....	1
SECTION XXXIV								
Diseases of the Bladder								
Calculus, vesical								
Cystostomy	1	....	1	....	1	....	....	1
Litholapaxy	7	1	8	6	....	....	2	8
Diverticulum								
Partial cystectomy; removal of calculus	1	....	1	....	....	....	1	1
Hemorrhage into bladder								
Cystostomy	1	....	1	1	....	....	....	1
Ruptured bladder								
Exploratory laparotomy; drainage	1	....	1	1	....	....	....	1
Ulcer of bladder wall								
Cystotomy with cauterization	1	....	1	1	....	....	....	1
SECTION XXXV								
Diseases of the Urethra								
Abscess, periurethral								
Incision and drainage	4	....	4	4	....	....	....	4
Caruncle								
Cauterization	....	1	1	1	....	....	....	1
Rupture								
Perineal section; suprapubic cystostomy	1	....	1	....	....	1[a]	....	1
Urethroplasty	1	....	1	1	....	....	....	1

a See No. 101.

Table B — Surgical Operations, 1918 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1919	Total
SECTION XXXV								
Stricture								
Divulsion	1	....	1	1	....	....	....	1
Urethrotomy, external	14	....	14	13	....	....	1	14
Urethrotomy, internal	4	....	4	4	....	....	....	4
Urethrotomy, internal and external	3	....	3	3	....	....	....	3
SECTION XXXVI								
Diseases of the Male Generative Organs								
B. Penis								
(*Circumcision, routine*)	3	....	3	3	....	....	....	3
Hypospadias								
Plastic	1	....	1	1	....	....	....	1
Phimosis								
Circumcision	8	....	8	8	....	....	....	8
C. Prostate								
Abscess								
Perineal section; drainage	1	....	1	1	....	....	....	1
Adenoma								
Cystostomy, suprapubic	4	....	4	1	....	2[a]	1	4
1. Cystostomy, suprapubic. 2. Perineal prostatectomy	2	....	2	2	....	....	....	2
1. Cystostomy, suprapubic. 2. Suprapubic prostatectomy	15	....	15	12	....	2[b]	1	15
1. Cystostomy, suprapubic. 2. Suprapubic prostatectomy. 3. Orchidectomy for sepsis	1	....	1	1	....	....	....	1
Prostatectomy, perineal	6	....	6	4	....	2[c]	....	6
Prostatectomy, suprapubic	5	....	5	2	....	1[d]	2	5
1. Prostatectomy, suprapubic. 2. Incision and drainage of periurethral abscess	1	....	1	....	....	1[e]	....	1
1. Prostatectomy, suprapubic. 2. Orchidectomy for abscess; incision and drainage of periurethral abscess. 3. Closing urinary sinus	1	....	1	1	....	....	....	1

a See Nos. 46, 47. *b* See Nos. 106, 107. *c* See Nos. 102, 103.
d See No. 108. *e* See No. 109.

Table B — Surgical Operations, 1918 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1919	Total
SECTION XXXVI								
Fistula, following incomplete prostatectomy								
Prostatotomy; closing fistula	1	....	1	1	....	....	....	1
E. Scrotum								
Abscess								
Incision and drainage	1	....	1	1	....	....	....	1
Hematocele								
Excision	2	....	2	2	....	....	....	2
Hydrocele								
Eversion of sac	1	....	1	1	....	....	....	1
Excision of sac	53	....	53	53	....	....	....	53
Hydrocele of cord								
Excision of sac	4	....	4	4	....	....	....	4
Spermatocele								
Excision	1	....	1	1	....	....	....	1
Varicocele								
Resection of veins of cord	56	....	56	56	....	....	....	56
F. Testicle								
Atrophy								
Orchidectomy	1	....	1	1	....	....	....	1
Epididymitis								
Epididymectomy	4	....	4	4	....	....	....	4
Epididymo-vasectomy	1	....	1	1	....	....	....	1
Orchitis								
Orchidectomy	1	....	1	1	....	....	....	1
Wound, penetrating, of testicle and scrotum								
Repair	1	....	1	1	....	....	....	1
SECTION XXXVII								
Diseases of Female Generative Organs								
A. Vulva								
Abscess of Bartholin's gland								
Excision of gland	....	2	2	2	....	....	....	2
Incision and drainage	....	1	1	1	....	....	....	1

Table B — Surgical Operations, 1918 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1919	Total
SECTION XXXVII								
Bartholinitis								
Excision of gland	....	4	4	4	....	....	....	4
B. Vagina								
Cystocele								
Colporrhaphy	....	1	1	1	....	....	....	1
Cystocele and rupture of vesical sphincter								
Repair	....	1	1	1	....	....	....	1
Cystocele and rectocele								
Colpo-perineorrhaphy	....	1	1	1	....	....	....	1
Colporrhaphy	....	5	5	5	....	....	....	5
Colporrhaphy, trachelorrhaphy, ventral suspension	....	1	1	1	....	....	....	1
(*Also one case included under procidentia, and three cases included under prolapse of uterus*)								
Fistula, perineo-vaginal								
Closing fistula	....	1	1	1	....	....	....	1
Fistula, vesico-vaginal								
Closing fistula	....	1	1	1	....	....	....	1
Rectocele								
Colporrhaphy	....	1	1	1	....	....	....	1
Obliterating posterior cul-de-sac	....	1	1	1	....	....	....	1
C. Uterus								
Anteflexion								
Dilatation and curettage	....	1	1	1	....	....	....	1
Dilatation and curettage; plastic	....	1	1	1	....	....	....	1
Cicatrix of cervix								
Dilatation and curettage	....	1	1	1	....	....	....	1
Cystic disease of cervix								
Trachelorrhaphy	....	1	1	1	....	....	....	1
(Diagnosis)								
Dilatation and curettage	....	7	7	7	....	....	....	7
Excision of specimen from cervix	....	3	3	2	....	1[a]	....	3
Endocervicitis								
Amputation of cervix	....	2	2	2	....	....	....	2
Dilatation and curettage	....	4	4	4	....	....	....	4

a See No. 55.

Table B — Surgical Operations, 1918 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1919	Total
SECTION XXXVII								
Endocervicitis — continued								
Hysterectomy	....	1	1	1	....	....	....	1
Endometritis								
Dilatation and curettage	....	9	9	9	....	....	....	9
Endometritis, hyperplastic								
Dilatation and curettage	....	19	19	19	....	....	....	19
Hysterectomy	....	5	5	5	....	....	....	5
Hysterectomy; (routine appendectomy)	....	1	1	1	....	....	....	1
Hysterectomy; salpingo-oöphorectomy; (routine appendectomy)	....	2	2	2	....	....	....	2
Hypertrophy of uterus								
Hysterectomy; salpingo-oöphorectomy; (routine appendectomy)	....	1	1	1	....	....	....	1
Metrorhagia								
Application of radium	....	1	1	1	....	....	....	1
Dilatation and curettage	....	19	19	18	....	....	1	19
Dilatation and curettage; trachelorrhaphy; ventral suspension; suturing perforation in uterus	....	1	1	1	....	....	....	1
Hysterectomy; salpingo-oöphorectomy	....	1	1	1	....	....	....	1
Procidentia								
Amputation of cervix; ventral suspension; colporrhaphy; (routine appendectomy)	....	1	1	1	....	....	....	1
Colpo-perineorrhaphy; hysterectomy	....	1	1	1	....	....	....	1
Hysterectomy	....	5	5	5	....	....	....	5
Hysterectomy; salpingo-oöphorectomy	....	2	2	2	....	....	....	2
Obliteration of posterior cul-de-sac; ventral fixation	....	1	1	1	....	....	....	1
Perineorrhaphy; hysterectomy	....	1	1	1	....	....	....	1
Perineorrhaphy; ventral fixation; (routine appendectomy)	....	1	1	1	....	....	....	1
Perineorrhaphy; ventral suspension	....	2	2	1	....	....	1	2
Trachelorrhaphy; ventral fixation	....	1	1	1	....	....	....	1

Table B — Surgical Operations, 1918 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1919	Total
SECTION XXXVII								
Procidentia — continued								
Ventral suspension	....	1	1	1	....	....	....	1
Prolapse of uterus								
Amputation of cervix	....	1	1	1	....	....	....	1
Amputation of cervix; obliteration of posterior cul-de-sac; colpo-perineorrhaphy; ventral suspension	....	1	1	1	....	....	....	1
Amputation of cervix; perineorrhaphy; ventral suspension	....	1	1	1	....	....	....	1
Amputation of cervix; ventral fixation	....	1	1	1	....	....	....	1
Colpo-perineorrhaphy; hysterectomy	....	1	1	1	....	....	....	1
Hysterectomy	....	1	1	1	....	....	....	1
Hysterectomy; amputation of cervix; perineorrhaphy	....	1	1	....	....	....	1	1
Perineorrhaphy; ventral fixation	....	1	1	1	....	....	....	1
Round ligament suspension	....	2	2	2	....	....	....	2
Ventral fixation	....	1	1	....	....	....	1	1
Ventral fixation; (routine appendectomy)	....	1	1	1	....	....	....	1
Ventral fixation; salpingo-oöphorectomy; (routine appendectomy)	....	1	1	1	....	....	....	1
Ventral suspension; (routine appendectomy)	....	3	3	3	....	....	....	3
Retroversion								
Hysterectomy; salpingo-oöphorectomy; (routine appendectomy)	....	1	1	1	....	....	....	1
Round ligament suspension	....	10	10	10	....	....	....	10
Round ligament suspension; (routine appendectomy)	....	6	6	6	....	....	....	6
Round ligament suspension; trachelorrhaphy	....	2	2	2	....	....	....	2
Ventral fixation	....	2	2	1	1	....	....	2
Ventral fixation; (routine appendectomy)	....	4	4	4	....	....	....	4
Ventral suspension	....	21	21	19	....	....	2	21

Table B — Surgical Operations, 1918 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1919	Total
SECTION XXXVII								
Retroversion — continued								
Ventral suspension; (routine appendectomy)	....	11	11	9	....	....	2	11
(Also one case included under cyst of ovary)								
(Also one case included under cystocele and rectocele)								
(Also two cases included under lacerated perineum)								
(Also one case included under salpingitis)								
(Also one case included under tuberculosis of Fallopian tubes)								
Stricture of cervical canal								
Dilatation, curettage, cauterization	....	2	2	2	....	....	....	2
Uterine insufficiency								
Dilatation and curettage; application of radium	....	1	1	....	....	....	1	1
D. Fallopian tubes								
Hydrosalpinx								
Salpingectomy	....	1	1	1	....	....	....	1
Salpingectomy; (routine appendectomy)	....	1	1	1	....	....	....	1
(Also one case included under retroversion of uterus)								
Pyosalpinx								
Hysterectomy; salpingo-oöphorectomy	....	2	2	2	....	....	....	2
Salpingectomy	....	1	1	1	....	....	....	1
Salpingectomy; (routine appendectomy)	....	3	3	3	....	....	....	3
Salpingo-oöphorectomy	....	6	6	5	....	....	1	6
Salpingo-oöphorectomy; (routine appendectomy)	....	4	4	3	....	....	1	4
Vaginal puncture	....	1	1	1	....	....	....	1
Salpingitis								
Dilatation and curettage	....	1	1	1	....	....	....	1

Table B — Surgical Operations, 1918 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1919	Total
SECTION XXXVII								
Salpingitis — continued								
Hysterectomy; salpingo-oöphorectomy	....	3	3	3	....	....	....	3
Salpingectomy	....	6	6	6	....	....	....	6
Salpingectomy; (routine appendectomy)	....	9	9	7	....	....	2	9
Salpingectomy; ventral fixation; (routine appendectomy)	....	1	1	1	....	....	....	1
Salpingectomy; ventral suspension	....	3	3	3	....	....	....	3
Salpingo-oöphorectomy	....	7	7	7	....	....	....	7
Salpingo-oöphorectomy; (routine appendectomy)	....	8	8	8	....	....	....	8
(Also one case included under prolapse of uterus)								
F. General and Functional								
Abscess, pelvic								
Laparotomy with drainage	....	2	2	2	....	....	....	2
1. Laparotomy with drainage. 2. Vaginal puncture	....	1	1	1	....	....	....	1
Vaginal puncture	....	6	6	5	....	1[a]	....	6
Adhesions, pelvic								
Laparotomy with separation of adhesions	....	1	1	....	....	....	1	1
Dysmenorrhea								
Dilatation of cervix	....	1	1	1	....	....	....	1
Dilatation and curettage	....	10	10	10	....	....	....	10
Menorrhagia								
Dilatation and curettage	....	7	7	7	....	....	....	7
Dilatation and curettage; application of radium	....	1	1	1	....	....	....	1
Sterility								
Dilatation and curettage	....	3	3	3	....	....	....	3
Pozzi's operation	....	1	1	1	....	....	....	1
G. Breast								
Abscess (non-puerperal)								
Amputation of breast with dissection of axilla	....	1	1	1	....	....	....	1

a See No. 140.

Table B — Surgical Operations, 1918 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1919	Total
SECTION XXXVII								
Abscess (non-puerperal) — continued								
Incision and drainage	....	1	1	1	....	....	....	1
Cystic disease								
Amputation	....	9	9	9	....	....	....	9
Amputation, subcutaneous	....	2	2	2	....	....	....	2
Dissection of breast tissue	....	4	4	4	....	....	....	4
Inflammation, chronic, of nipples								
Excision of nipples	....	1	1	1	....	....	....	1
Mastitis, chronic								
Amputation	....	5	5	5	....	....	....	5
Amputation; excision of ulcer of thoracic wall	....	1	1	....	....	....	1	1
SECTION XXXVIII								
Puerperal State								
Abortion								
Dilatation and curettage	....	1	1	1	....	....	....	1
(*Abortion, therapeutic, on account of tuberculosis*)	....	1	1	1	....	....	....	1
Abscess of breast (puerperal)								
Incision and drainage	....	1	1	1	....	....	....	1
Abscess, pelvic (puerperal)								
Vaginal puncture; drainage	....	1	1	1	....	....	....	1
Death of fetus in utero								
Dilatation and removal of fetus	....	1	1	1	....	....	....	1
Lacerated cervix								
Amputation of cervix	....	1	1	1	....	....	....	1
Trachelorrhaphy	....	29	29	29	....	....	....	29
Trachelorrhaphy; colporrhaphy	....	2	2	2	....	....	....	2
(*Also one case included under cystocele and rectocele*)								
(*Also one case included under procidentia*)								
(*Also one case included under retroversion of uterus*)								
Lacerated cervix and uterine polyp								
Hysterectomy, vaginal	....	1	1	1	....	....	....	1

Table B — Surgical Operations, 1918 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1919	Total
SECTION XXXVIII								
Lacerated cervix and perineum								
Perineorrhaphy	....	1	1	1	....	....	....	1
Trachelorrhaphy; colpo-perineorrhaphy	....	11	11	11	....	....	....	11
Trachelorrhaphy; perineorrhaphy	....	27	27	24	1	....	2	27
1. Trachelorrhaphy; perineorrhaphy. 2. Resuturing cervix for hemorrhage	....	1	1	1	....	....	....	1
Trachelorrhaphy; perineorrhaphy; ventral fixation	....	1	1	1	....	....	....	1
Lacerated perineum								
Amputation of cervix; colpo-perineorrhaphy; round ligament suspension	....	1	1	1	....	....	....	1
Amputation of cervix; perineorrhaphy; ventral suspension; (routine appendectomy)	....	1	1	1	....	....	....	1
Colpo-perineorrhaphy	....	8	8	8	....	....	....	8
Colpo-perineorrhaphy; exploratory laparotomy; (routine appendectomy)	....	1	1	1	....	....	....	1
Colpo-perineorrhaphy; ventral suspension; (routine appendectomy)	....	1	1	1	....	....	....	1
Perineorrhaphy	....	17	17	16	....	....	1	17
(Also one case included under cystocele and rectocele)								
(Also three cases included under procidentia)								
(Also one case included under prolapse of uterus)								
Miscarriage								
Dilatation and curettage	....	29	29	28	....	....	1	29
Exploratory laparotomy	....	1	1	1	....	....	....	1
Removal of placenta	....	1	1	1	....	....	....	1
Parturition								
Caesarian section	....	17	17	16	....	1	....	17

Table B — Surgical Operations, 1918 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1919	Total
SECTION XXXVIII								
Pregnancy, extra-uterine								
Salpingectomy	....	7	7	7	....	....	....	7
Salpingo-oöphorectomy	....	4	4	4	....	....	....	4
Salpingo-oöphorectomy; (routine appendectomy)	....	3	3	3	....	....	....	3
Vaginal puncture	....	1	1	1	....	....	....	1
Retained placenta								
Curettage	....	1	1	1	....	....	....	1
SECTION XXXIX								
Unclassified Diseases								
Hemorrhage, postoperative								
Packing around gall bladder	1	....	1	....	1	....	....	1
Transfusion	1	....	1	1	....	....	....	1
Purpura								
Transfusion	2	....	2	1	1	....	....	2
(Skin grafting, not elsewhere specified)	2	....	2	2	....	....	....	2
Total	2171	1948	4119	3683	101	160	175	4119

TABLE C.

SURGICAL OPERATIVE FATALITIES FOR 1918.

AMPUTATION OF BREAST FOR

Carcinoma.

1. Female. 67 years. Tumor of left breast 9 months, gradually increasing in size. Examination: Large, hard, cauliflower tumor of left breast, foul odor; general cardiac condition poor. Patient kept on digitalis for 6 days. *Operation,* 5 days after admission. Ether. Amputation of left breast; palliative operation. Six days after operation, patient fainted; acute dilatation of heart; did well until 16th day when she died suddenly. Clinical cause of death: Acute dilatation. No autopsy.

AMPUTATION OF BREAST WITH DISSECTION OF AXILLA FOR

Carcinoma.

2. Female. 66 years. Tumor of left breast for 6 years; some shortness of breath and pain in back. Examination: Tumor of left breast with mass in axilla; right pleural cavity filled with fluid. X-ray: Areas of diminished density in clavicle, scapula, and right humerus, suggesting metastasis. *Operation,* 3 days after admission. Ether. Left breast removed with contents of axilla and great pectoral muscle. Failed steadily after operation and died in 18 hours. Clinical cause of death: Cardiac failure following operation for carcinoma of breast, with extensive metastases of lung. No autopsy.

AMPUTATION AT HIP JOINT FOR

Osteomyelitis.

3. Male. 58 years. Eleven months before entrance, fractured left thigh; fracture plated in another hospital, followed by sepsis. Since that time patient has been in bed with discharging sinuses. Examination: Elderly man with evidence of myocarditis. X-ray: Extensive involvement of femur and hip joint by osteomyelitis, general condition very poor. Patient kept under observation 3 weeks. *Operation,* 22 days after admission. Gas, oxygen and ether. Amputation of hip joint; died 6 hours later. Clinical cause of death: Surgical shock. No autopsy.

AMPUTATION OF LEG FOR

Lacerated wounds.

4. Female. 6 years. Entered Emergency Ward with deep lacerations of both legs, having been injured in an automobile accident. *Immediate operation.* Ether. Right leg amputated at middle and lower third; left leg cleaned up; Carrel tubes put in both legs; child put to bed, in severe shock; patient never became conscious; pulse grew weaker, injection of conjunctiva grew steadily greater, and patient died 2 days after operation. Clinical cause of death: Shock; concussion of brain. No autopsy.

AMPUTATION OF LEG FOR

Obliterative endarteritis.

5. Female. 35 years. Entered Emergency Ward with diagnosis of thrombosis of popliteal artery. *Operation*, 4 days after entrance. Ether. Amputation of leg at mid-thigh; circulation poor; rubber wick; endarteritis obliterans. Following day skin flaps were purple; 2 days later stitches removed; Carrel-Dakin treatment started; 2 weeks later temperature 104.8; flaps trimmed off. Patient died 16 days after operation. Clinical cause of death: Septicemia. No autopsy.

AMPUTATION OF THIGH FOR

Diabetic gangrene of foot.

6. Male. 47 years. Three weeks before entrance, blisters appeared on left foot; one week later second toe became black and discoloration slowly progressed over dorsum of foot. Examination: Gangrene of toe extending on foot; urine showed 7% sugar, diacetic acid. *Operation*, 8 days after admission. Spinal anesthesia. Amputation of thigh; following operation there was considerable acidosis; patient failed slowly, dying 7 days after operation. Clinical cause of death: Acidosis, diabetic gangrene. No autopsy.

AMPUTATION OF THIGH FOR

Obliterative endarteritis.

7. Male. 62 years. Entered hospital with diagnosis of gangrene of toes. Three months previous to entrance, left foot began to get sore; in about two weeks, began to get black; became painful, blackness rapidly spreading. *Operation*, 8 days after entrance. Spinal anesthesia. Amputation of thigh at junction of middle and lower third; night after operation, patient removed all dressing; 2 days after operation, temperature 103; mildly delirious; posterior flap shows poor circulation. Following day, pulse and temperature rose; next day, wound opened up wide; following day, 5 days after operation, patient died. Clinical cause of death: Septicemia. No autopsy.

ANASTOMOSIS, LATERAL, FOR

Carcinoma of intestine.

8. Female. 60 years. Entered Emergency Ward with diagnosis of chronic intestinal obstruction. Four weeks previous, began to vomit suddenly, without apparent cause; vomiting associated with general abdominal pain; had no normal movement of bowels and only few slight movements with enemata; took castor oil evening before admission to hospital, which resulted in severe abdominal pain. *Operation*, 7 days after entrance. Ether. Small intestine greatly distended; hard mass in right upper abdomen; lateral anastomosis, ileum to transverse colon. Two days after operation, much cough and labored respirations, abdomen soft; 5 days after operation, much worse, lungs filled up and patient died. Clinical cause of death: Carcinoma of colon; lobar pneumonia. No autopsy.

APPENDECTOMY FOR

Acute appendicitis.

9. Female. 11 years. Entered Emergency Ward with diagnosis of acute appendicitis. Day before entrance, had abdominal pain in region of umbilicus, accompanied by nausea and vomiting. *Immediate operation.* Ether. Appendix injected, swollen and bound down with adhesions. Did not take ether well and died on operating table. Clinical cause of death: Ether asphyxiation. No autopsy.

10. Male. 43 years. Three days before admission acute attack of pain in right lower quadrant, associated with nausea and vomiting; symptoms persisted and became worse. Examination: Abdomen slightly distended and rigid with extreme tenderness in right lower quadrant. *Operation,* day of entrance. Ether. Gangrenous appendix removed and drained. Following operation, patient did not make usual recovery; remained somewhat distended, vomiting continued; 8 days later, diffuse bronchitis developed; patient died 11 days after operation. *Anat. diag.:* General peritonitis; gangrene of lungs.

APPENDECTOMY FOR

Acute appendicitis with peritonitis.

11. Female. 5½ years. Entered Emergency Ward with diagnosis of acute appendicitis. Several days previous to entrance, had sudden abdominal pain, with temperature varying from 101–104. *Immediate operation.* Ether. Ruptured gangrenous appendix removed; abdomen filled with thick pus. Following day, condition very poor; many râles in both lungs; abdomen distended; next day patient died. Clinical cause of death: General peritonitis; broncho-pneumonia. No autopsy.

12. Female. 66 years. Entered Emergency Ward with diagnosis of acute appendicitis. One week before entrance, began to have general abdominal pain; 3 days before entrance, pain became acute and localized in right lower quadrant. *Immediate operation.* Ether. Appendix perforated; no free fluid or pus; 1 cigarette drain. Following day, became distended; showed signs of peritonitis; this increased. Died 4 days later. Clinical cause of death: General peritonitis. No autopsy.

13. Female. 5 years. Entered Emergency Ward with diagnosis of acute appendicitis. Day before entrance, seized with severe pain in right lower quadrant; vomited; bowels loose. *Immediate operation.* Ether. Free pus on opening peritoneum; appendix normal; no source for infection found; appendix removed; drainage tube to pelvis. Culture from abdominal cavity: Streptococcus. Patient's respirations and pulse went up; much cough; signs of pneumonia at left base. Died 15 days after operation. *Anat. diag.:* General fibrino-purulent peritonitis; left empyema; broncho-pneumonia; dilatation of right ureter; acute degeneration of kidneys.

14. Female. 12 years. Entered Emergency Ward with diagnosis of acute appendicitis, having had acute abdominal pain localized in right lower quadrant for 3 days. *Immediate operation.* Ether. Gangrenous appendix perforated; free pus in abdominal cavity; 2 cigarette wicks. Did well for 6 days, then became restless; mouth dry; vomited; abdomen became distended; 8 days after operation, fecal fistula drained large quantities of feces; abdomen became distended again and patient died 9 days after operation. Clinical cause of death: Peritonitis. No autopsy.

15. Male. 40 years. Three days previous to admission, acute attack of abdominal pain, localized in right lower quadrant, accompanied with vomiting. Examination: Abdomen distended, extreme tenderness throughout. Temperature 102, pulse 140. *Operation,* day of entrance. Ether. Gangrenous perforated appendix found, with pus and serum in pelvis. Patient improved somewhat after operation but distention developed in 9 days; distention never entirely disappeared; failed slowly, dying 17 days after operation. Clinical cause of death: Peritonitis following gangrenous appendix. No autopsy.

16. Male. 4 years. Five days before admission, attack of general abdominal pain accompanied with nausea and vomiting, cathartics given. Symptoms persisted and became worse. Examination: Abdomen distended, tympanitic, with general tenderness in right lower quadrant. *Operation*, day of admission. Ether. Gangrenous perforated appendix found and removed. Patient failed and died 24 hours later. Clinical cause of death: General peritonitis following gangrenous appendix. No autopsy.

17. Male. 54 years. Abdominal pain for 1 week; belching of gas; sudden acute pain right lower quadrant, 24 hours before admission, with vomiting. Examination: Abdomen tender, board-like rigidity throughout. *Operation*, day of admission. Ether. Perforated appendix; very cloudy fluid throughout abdomen. Patient did well for 5 days when rigidity of abdomen increased. Died 7 days after operation. *Anat. diag.:* General peritonitis.

APPENDECTOMY FOR

Subacute appendicitis.

18. Male. 35 years. History of intestinal indigestion and constipation extending back 8 years; for 2 or 3 years attacks were associated with some tenderness in lower part of abdomen; never jaundiced. Examination: Negative. X-ray: Genito-urinary and intestinal tract showed probable chronic appendicitis. *Operation*, 6 days after admission. Ether. Appendectomy without drainage. Following operation there was immediate rise of temperature; examination showed wound septic; culture, hemolytic streptococcus; 8 days later large abscess drained in flank; 23 days after operation other abscesses were opened. Pulse failed steadily but slowly after operation. Died 26 days later. Clinical cause of death: Septicemia. No autopsy.

19. Female. 12 years. Three weeks before admission, complained of pain in upper and lower bowels; 2 days before admission attack of abdominal pain, relieved by cathartics; in bed for 2 days. Examination: Well developed and nourished girl, slight nose-bleed, abdomen slightly distended, right thigh held flexed. Temperature 104, pulse 120; further examination entirely negative. *Operation*, day after admission. Ether. Exploratory laparotomy; abdomen appeared normal; routine appendectomy. Lung culture showed staphylococcus albus. Patient ran continuous temperature from 104 to 105 for 5 days, then died. Clinical cause of death: Septicemia. No autopsy.

APPENDICOSTOMY FOR

Colitis.

20. Male. 3 years. Five days before admission patient passed a large amount of blood by rectum, since then he has passed similar amount with considerable mucus. Examination: Poorly developed, listless child; abdomen full, no spasm or masses felt; rectum prolapsed. *Operation*, day of admission. Ether. Large intestine found vacant and inflamed, no intussusception. Appendicostomy performed. Patient failed rapidly after operation and died in 6 hours. Clinical cause of death: Mucous colitis; post-operative shock. No autopsy.

CHOLECYSTECTOMY FOR

Cholelithiasis.

21. Female. 47 years. Entered hospital with diagnosis of cholelithiasis. Attacks of pain for a year previous, with nausea

but no vomiting. *Operation*, 4 days after entrance. Ether. Gall bladder thickened, contained few small stones; common duct not dilated; no stones felt; cholecystectomy. Two weeks after operation patient had severe epigastric pain with elevation of pulse and temperature; no jaundice, slight tenderness over epigastrium; 15 days after operation, shallow, labored respirations, marked cyanosis and weakness; 17 days after operation, developed bronchial breathing at left back; at night, pulse suddenly became very bad and patient died. Clinical cause of death: Pulmonary embolus; bronchopneumonia. No autopsy.

22. Female. 57 years. Digestive disturbances for 5 years; for 3 months previous to entrance, had several attacks of pain requiring morphine, resembling biliary colic. *Operation*, 9 days after admission. Ether. Contracted gall bladder found containing stone; large stone removed. Following operation patient continued to vomit and condition gradually failed. Died 24 days after operation. *Anat. diag.:* Stone in common duct; infected cirrhosis of liver.

23. Female. 23 years. Miscarriage 5 weeks previous to admission; general abdominal discomfort and menorrhagia for 1 week, some vomiting for few days; bowels moved with enema. Examination: Abdomen distended, tympanitic; slight bloody discharge from cervix, tenderness in both culs-de-sac. *Operation*, 3 days after admission. Gas and oxygen. Median incision; uterus small, retroverted; gall bladder distended, containing stones. Cholecystectomy through second incision. Patient had uneventful recovery for 6 days with the exception that pulse remained from 100 to 120, and temperature somewhat elevated. On the seventh day pulse suddenly became irregular; complained of pain in abdomen. Exploration of lower incision showed pelvic peritonitis. Patient died 8 days after operation. Clinical cause of death: General peritonitis following cholecystectomy. No autopsy.

24. Female. 27 years. One year before admission patient subject to attacks of pain in right upper quadrant, followed by soreness; some vomiting, no jaundice. Examination: Distinct tenderness over gall bladder, otherwise negative. *Operation*, 3 days after admission. Ether. Cholecystectomy. Following operation, patient did well for 5 days; at the end of that time, complained of considerable cramp-like pain in region of uterus; on the 12th day began to vomit, and uterus discharged bile; failed suddenly and died 15 days after operation with symptoms suggesting pulmonary embolism. Clinical cause of death: Pulmonary embolism. No autopsy.

25. Female. 43 years. For two years attacks of intestinal indigestion with vomiting; 4 weeks before admission somewhat more severe attacks accompanied by jaundice; pain required morphine. Examination: Negative, abdomen flat, no masses or tenderness. *Operation*, 3 days after admission. Ether. Cholecystectomy for cholelithiasis; common duct drained. Patient did not do well following operation, slowly failing, with vomiting, and pain in right upper quadrant; died 10 days after operation. Clinical cause of death: Cholecystitis; peritonitis. No autopsy.

26. Male. 38 years. Entered hospital with diagnosis of gall stones. One year and 5 months previous to entrance, had sudden pain lasting 4 or 5 hours at a time; pain relieved by morphine. *Operation*, 6 days after entrance. Ether. Cholecystectomy; appendectomy; cystic duct and common duct dilated, ducts explored, no stones found; second incision to remove appendix. Patient made good recovery from ether; during night became restless; thirsty; signs of blood in abdomen; pulse continued to rise; diag-

nosis of internal hemorrhage made; old wound opened, large amount of clotted blood found; wound packed; failed to rally and died. Death due to hemorrhage. No autopsy.

CHOLECYSTECTOMY FOR

Chronic cholecystitis.

27. Male. 25 years. Recurring attacks of abdominal pain for four years; some nausea and vomiting, at times jaundiced. Examination: Abdomen shows soft rounded tumor in region of gall bladder. *Operation*, 5 days after admission. Ether. Gall bladder removed, evidence of cholecystitis. Following day pulse suddenly became of poor quality, patient complained of dyspnea and other symptoms of internal hemorrhage; grew rapidly worse and died 6 hours after operation. Clinical cause of death: Internal hemorrhage. No autopsy.

CHOLECYSTECTOMY FOR

Empyema of gall bladder.

28. Male. 46 years. Five weeks previous to admission, acute abdominal pain in right upper quadrant with vomiting; several similar attacks, no jaundice. Examination: Abdomen slightly distended, considerable spasm and tenderness in right upper quadrant. *Operation*, day of admission. Ether. Gangrenous gall bladder removed. Convalescence uneventful, sutures removed on 7th day. Shortly after this, patient coughed violently. Wound opened with the intestines coming out through wound; returned under ether. Died in 12 hours. Pathological report: Acute cholecystitis. No autopsy.

CHOLECYSTOSTOMY FOR

Carcinoma of pancreas.

29. Female. 62 years. Entered hospital with diagnosis of gall bladder disease. *Operation*, 4 days after entrance. Ether. Carcinoma of pancreas and bile duct; gall bladder drained. Patient did not rally from operation and died during night. *Anat. diag.:* Adeno-carcinoma of common duct and head of pancreas; cholelithiasis; extensive hemorrhage into peritoneal cavity.

CHOLECYSTOSTOMY AND CHOLEDOCHOSTOMY FOR

Carcinoma of pancreas.

30. Male. 60 years. Transferred from medical service with diagnosis of question of stone in common duct or malignant disease. *Operation.* Ether. Much free fluid; large dilated common duct; head of pancreas 3 times normal size with hard malignant mass; gall bladder and common duct drained. Three days after operation patient was considerably worse; stomach washed and large amount of greenish black fluid obtained. Patient died following day. *Anat. diag.:* Adeno-carcinoma of common bile duct and head of pancreas, with metastases; chronic interstitial pancreatitis; extensive hemorrhage into abdominal muscles; general peritonitis.

CHOLEDOCHOTOMY FOR

Cholelithiasis.

31. Male. 35 years. Three years before admission, cholecystectomy performed for gall stones, and stone in common duct removed. Following this operation patient was well until 6 months previous to admission, when there were recurring attacks of pain, resembling gall stones. *Operation*, 5 days after admission. Gas and ether. Stone in common duct found and removed. Fourteen days

after this operation, wound began to discharge and there was evidence of duodenal fistula. Patient became emaciated. *Operation*, 6 weeks after first. Ether. Jejunostomy performed in the hope of relieving the discharge. Condition did not improve and patient died 56 days after first operation. Clinical cause of death: Starvation and duodenal fistula. No autopsy.

COLECTOMY FOR

Intestinal stasis with epilepsy.

32. Male. 22 years. For 6½ years before admission, patient subject to epileptic attacks; bowels always constipated, no movement without cathartics. Examination: Negative, except for palpable large intestine. *Operation*, 4 days after admission. Ether. Cecum and large intestine removed. Lateral anastomosis, ileum to sigmoid. Considerable shock from which patient did not recover. Died 12 hours after operation. Clinical cause of death: Surgical shock. No autopsy.

COLOSTOMY AND EXCISION OF RECTUM FOR

Carcinoma of rectum.

33. Female. 62 years. Entered hospital with diagnosis of carcinoma of rectum. A year and a half previous to entrance noticed about a teaspoonful of bright blood with each movement. *Operation*, 6 days after entrance. Ether. First stage of two-stage amputation of rectum. *Operation*, 2 days after first. Spinal anesthesia. Amputation of rectum; second stage of two-stage combined operation. Two days later, vomited several times during night; abdomen became distended; gradually became worse; abdomen became tender. Died two days after second operation. Clinical cause of death: Peritonitis. Pathological report: Epidermoid carcinoma. No autopsy.

34. Male. 58 years. Entered hospital with diagnosis of carcinoma of rectum. Four months previous to entrance noticed blood in stools; some protruding of rectum. *Operation*, day after entrance. Ether. First stage of two-stage amputation of rectum. *Operation*, 7 days after first. Spinal anesthesia. Amputation of rectum; second stage of two-stage combined operation. Stood operation very poorly, became comatose during the end and died soon after operation. Clinical cause of death: Shock. No autopsy.

35. Male. 52 years. Entered hospital with diagnosis of carcinoma of rectum. One year before entrance noticed a little blood with each movement. *Operation*, 4 days after entrance. Ether. First stage of two-stage combined operation. *Operation*, 4 days after first. Novocain. Distended transverse colon opened with escape of considerable gas, Mixter tube tied in. Died soon after operation. Clinical cause of death: Peritonitis. No autopsy.

36. Female. 64 years. Entered hospital with diagnosis of malignant disease of rectum, or rectal polyp. Two years ago had severe diarrhea at times; lump protruded from rectum. *Operation*, 8 days after entrance. Ether. First stage Kraske operation; abdomen opened; no glands in mesentery; no lumps in liver; growth size of small orange low in rectum; sigmoid distended; lower part of sigmoid and rectum dissected free and pushed beneath pelvic floor; colostomy. Did well following operation. *Operation*, 5 days after first. Ether. Second stage Kraske operation, with amputation of rectum; considerable shock following operation; 4 days later temperature and pulse began to go up; foul discharge from second operation wound; gradually lost strength. Died 11 days

after second operation. Clinical cause of death: Exhaustion. Pathological report: Adeno-carcinoma. No autopsy.

37. Male. 57 years. Constipated for 4 months with some bleeding; 2 weeks before admission had operation for hemorrhage. Lost 30 pounds in 3 months. Examination: Carcinoma of rectum from posterior wall. *Operation,* 5 days after admission. Ether. Combined abdominal and sacral operation for resection of rectum. Following operation, pulse and respiration rose. Patient died 3 days later. *Anat. diag.:* Shock. Acute peritonitis and obstruction.

CRANIOTOMY AND DECOMPRESSION FOR

Fracture of skull.

38. Male. 9 years. Entered Emergency Ward with diagnosis of fracture of skull. Ten minutes before entrance while crossing street was struck by an automobile. *Immediate operation.* Ether. Area of decompression in skull size of silver dollar, with long, linear, complete fractures running from region of mastoid up over parietal and temporal region; fragments lifted out, dura opened; no evident severe arteroid hemorrhage, but profuse venous ooze. Died during night. Clinical cause of death: Fracture of skull. No autopsy.

39. Female. 35 years. Two hours before admission patient was struck by automobile; unconscious since accident; no vomiting, or bleeding from nose, ears or lungs. Examination: Evidence of fracture of base of skull. *Operation,* day after admission. Ether. Subtemporal decompression. Death 24 hours after operation. Clinical cause of death: Fracture of skull. No autopsy.

40. Male. 11 years. Few hours before admission struck by automobile; unconscious since accident. Examination: Evidence of fractured skull. *Operation,* day of admission. Ether. Decompression performed. Patient died 24 hours later. Clinical cause of death: Fractured skull. No autopsy.

41. Male. 27 years. Twenty-four hours before admission patient fell from bicycle; conscious until 6 hours before admission when he became stuporous. Examination: Patient unconscious. Right pupil dilated; left arm and leg spastic. *Operation,* day of admission. Ether. Osteoplastic decompression. Removal of blood clot, from hemorrhage from meningeal artery. Patient did not gain consciousness after operation and died 12 hours later. Clinical cause of death: Fracture of skull; middle meningeal hemorrhage. No autopsy.

CRANIOTOMY AND DECOMPRESSION FOR

Fracture of skull, compound.

42. Male. 38 years. Entered Emergency Ward with diagnosis of compound fracture of skull, having been injured in an automobile accident day before entrance. *Immediate operation.* Ether. Decompression. Patient's condition grew rapidly worse; died day after operation. Clinical cause of death: Compound fracture of skull. No autopsy.

CRANIOTOMY AND DECOMPRESSION FOR

Gunshot wound of head.

43. Male. 23 years. Entered hospital with diagnosis of bullet wound of skull. Was found on roof of house unconscious, with evidence of having been wounded in the head; when patient entered hospital, was unconscious, breathing stertorously, bleeding from

nose and from wound in region of right temporal bone. *Immediate operation.* Fracture of skull running forward from bullet entrance and a little way backwards; opening in skull made larger; large blood clot taken out; bullet not found. Died during night. Clinical cause of death: Cerebral hemorrhage. No autopsy.

CRANIOTOMY AND DECOMPRESSION FOR

Tumor of brain.

44. Female. 23 years. Ten months before admission, legs became weak; for 7 weeks, failing vision. Examination: Evidence of brain tumor. *Operation,* 9 days after admission. Ether. Subtemporal decompression. Patient failed rapidly and died in 12 hours. *Anat. diag.:* Fibroma of cerebellar pontine angle; hydrocephalus.

CYSTECTOMY AND URETERO-SIGMOIDOSTOMY FOR

Carcinoma of bladder.

45. Female. 73 years. Entered hospital with diagnosis of malignant papilloma of bladder. Two months before entrance, had hematuria and frequent micturition. *Operation,* 2 days after entrance. Ether. Total cyctectomy; uretero-sigmoidostomy. Considerable shock following operation; died 4 hours later. Pathological report: Carcinoma of bladder. No autopsy.

CYSTOSTOMY, SUPRAPUBIC, FOR

Adenoma of prostrate.

46. Male. 76 years. Pain in lumbar region 3 months; frequency of urination 3 weeks. Examination: Elderly man; arteriosclerosis, enlarged heart. *Operation,* 3 days after admission. Local anesthesia. Suprapubic cystostomy. Patient became more or less stuporous and slowly failed. Died 18 days after operation. Clinical cause of death: Uremia. No autopsy.

47. Male. 73 years. Complained of frequency of micturition and dribbling for 5 months, becoming progressively worse. Examination: Enlarged prostate. *Operation,* 4 days after admission. Local anesthesia. Suprapubic cystotomy. Patient was found dead in bed night of operation. *Anat. diag.:* Tuberculosis of kidney; abscess of prostate; edema of brain.

CYSTOSTOMY, SUPRAPUBIC, FOR

Sarcoma of bladder.

48. Female. 55 years. For 5 months previous to admission, patient's urine has contained blood. Sprained ankle 6 weeks before admission. X-ray: New growth lower end of tibia. Cystoscopic examination: Evidence of tumor of bladder. *Operation,* 7 days after admission. Local novocain. Suprapubic cystostomy. Much bleeding from bladder following operation. Condition satisfactory for 6 days, then patient had sudden attack of dyspnea and died in a few hours. Clinical cause of death: Carcinoma of bladder. No autopsy.

DILATATION OF ESOPHAGUS FOR

Stricture.

49. Female. 3 years. Six months before admission, swallowed caustic potash; after that was unable to swallow solid food; vomited blood, stools tarry. Examination: Esophagus entirely occluded 6 inches from teeth. *Operation,* 2 days after admission. Ether. Witzel gastro-enterostomy. Patient gained considerably. *Operation,* 2 weeks after first. Ether. Stricture of esophagus dilated. Patient

improved for 6 weeks. Stricture, however, shut down again. *Operation,* 20 days after second. Ether. Stricture again dilated. Following second dilatation temperature and pulse rose and evidence of bronchopneumonia. Later evidence of mediastinitis developed; patient died 32 days after second dilatation. Clinical cause of death; Bronchopneumonia; stricture of esophagus; mediastinitis.

ENTEROSTOMY FOR

Intestinal obstruction.

50. Male. 41 years. Double scrotal hernia for 6 years, easily reduced; 2 days before entrance left hernia irreducible; since then has had considerable pain and vomiting. Examination: Left irreducible, inguinal hernia; right inguinal hernia reduced with ease. *Operation,* day of admission. Novocain. Sliding hernia containing descending and transverse colon and large amount of small bowel. Hernia reduced with difficulty. Patient relieved for short time after operation but vomiting persisted and enterostomy performed 12 hours later. Patient failed and died 24 hours after first operation. Clinical cause of death: Intestinal obstruction. No autopsy.

51. Male. 48 years. Four days before admission, acute attack of abdominal pain; some nausea and vomiting. Bowels had not moved for 5 days. Examination: Abdomen somewhat distended, very tender, no rigidity. Weight, 250 pounds. *Operation,* day of admission. Ether. Median incision, loop of intestine delivered, enterostomy performed. Patient died on operating table. *Anat. diag.:* Hemorrhagic pancreatitis.

ENTEROSTOMY FOR

Intussusception.

52. Male. 6 months. Entered hospital with diagnosis of intussusception, or acute intestinal obstruction. *Operation,* day of entrance. Ether. Impossible to reduce intussusception; intussusception brought out of abdomen with idea of later doing enterostomy; patient failed to rally from operation, and died. Clinical cause of death: Intestinal obstruction; shock. No autopsy.

ENUCLEATION OF EYE FOR

Purulent ophthalmitis.

53. Female. 34 years. Eight weeks before admission, patient delivered a premature child; after that went to another hospital suffering from septicemia. Examination: Emaciated woman. Abdomen distended; evidence of pus in right knee joint. Temperature 103½. *Operation,* day of admission. (Anesthesia not mentioned.) Knee joint opened and drained. *Operation,* 3 days after first. Gas and oxygen. Enucleation of right eye. Patient ran septic temperature, failed and died 10 days after admission. *Anat. diag.:* Lobar pneumonia; purulent thrombophlebitis of inferior vena cava; septicemia, pneumococcus; retained placenta.

EXCISION OF

Meningoencephalocele.

54. Female. 1 month. Rounded tumor of head since birth; not increased in size. Examination: Meningocele size of 2 fists. *Operation,* 10 days after admission. Novocain. Tumor composed of brain tissue, of what appears to be foreign testicular tissue. Tumor excised. Patient died 2 hours later. Clinical cause of death: Shock. No autopsy.

EXCISION OF SPECIMEN FROM CERVIX FOR

Diagnosis.

55. Female. 38 years. Entered hospital with diagnosis of malignant disease of cervix and uterus. *Operation,* 2 days after entrance. Ether. Fundus large and movable; probably fibroids; piece of cervix excised for examination; 15 days later, Wassermann report moderately positive. Patient not in very good condition; right anterior chest shows some signs of consolidation of lungs; 2 days later X-ray showed fine mottled dulness throughout lungs; probably metastatic malignant disease of lungs. Patient died 2 days later. Pathological report: Carcinoma of body of uterus. *Anat. diag.:* Carcinoma involving ovaries, uterus, vagina, retroperitoneal lymph nodes, liver, right adrenal gland, lumbar vertebrae, bronchial lymph nodes, mediastinal lymph nodes and lungs.

EXPLORATION OF SELLA TURCICA THROUGH SPHENOIDAL SINUS WITH EXCISION OF

Hypophyseal struma.

56. Male. 33 years. Diabetes for 1 year; failing vision 9 months; dull headache, no vomiting. Examination: Evidence of tumor of pituitary body. *Operation,* 7 days after admission. Ether. Removal of pituitary tumor, transnasal route. Two days after operation, patient developed severe headache, became restless, temperature rose to 104. Two days later became comatose, and died 3 days after operation. Clinical cause of death: Pituitary tumor; probable meningitis. No autopsy.

GASTRECTOMY, PARTIAL, WITH GASTRO-ENTEROSTOMY FOR

Carcinoma of stomach.

57. Male. 50 years. Epigastric pain with vomiting and loss of weight, of 3 months' duration. Examination: X-ray showed evidence of carcinoma of stomach. *Operation,* day of transfer. Local anesthesia. Pylorectomy and gastro-enterostomy done with considerable difficulty, for carcinoma of pylorus. Patient in profound shock at end of operation, from which he never recovered. Died 9 hours later. Clinical cause of death: Shock following operation. No autopsy.

58. Male. 41 years. Gastric distress for 3 months with some irritation, vomiting, and gradual loss of strength and weight. Examination: Negative. X-ray: Evidence of carcinoma of pylorus. *Operation,* day of transfer. Ether. Posterior gastro-enterostomy. Patient gained steadily and 24 days later partial gastrectomy performed. Following operation, patient did well for 3 days, then developed diffuse bronchitis and culture of throat showed streptococcus; pus discovered in wound. Failed and died 11 days following gastrectomy. Clinical cause of death: Septicemia. No autopsy.

GASTRO-ENTEROSTOMY FOR

Carcinoma of stomach.

59. Male. 48 years. Loss of weight for 9 months before admission; vomiting and pain for 2 months. Examination: Evidence of carcinoma of pylorus. *Operation,* day of transfer. Ether. Posterior gastro-enterostomy for inoperable carcinoma of stomach. Patient gradually failed after operation. Died 6 days later. Clinical cause of death: Carcinoma of stomach. No autopsy.

60. Male. 46 years. Always in good health until 1 year before admission; distress, coming on 2 or 3 hours after eating, relieved

by food; some vomiting, no blood passed; considerable loss of weight. X-ray: Evidence of malignant disease, pyloric end of stomach. *Operation*, 2 days after admission. Ether. Gastro-enterostomy for extensive carcinoma of stomach. Following operation patient had persistent vomiting and evidence of partial obstruction. *Operation*, 8 days after first. Ether. Jejuno-jejunostomy. Patient died 6 days later. Clinical cause of death: Carcinoma of stomach. No autopsy.

GASTRO–ENTEROSTOMY FOR

Duodenal ulcer.

61. Male. 31 years. Entered hospital with diagnosis of duodenal ulcer. Four years previous to entrance began to have mild attacks of indigestion, which began to grow worse and more frequent; 3 years before entrance posterior gastro-enterostomy performed; was well for 9 months, then same kind of indigestion as before. *Operation*, 11 days after entrance. Ether. Adhesions separated; indurated ulcer of duodenum ¾ of an inch beyond pylorus; posterior gastro-enterostomy just beyond site of anastomosis; 6 days after operation very comfortable, abdomen soft; 2 days later temperature 102, pulse up, pain left side of abdomen; 1 week later palpable tender mass in pelvis. *Operation*, 16 days after first. Gas, oxygen and ether. Large collection of thin pus in pelvis; diffuse peritonitis; source of infection not made out; 3 days later patient died. Clinical cause of death: General peritonitis. *Anat. diag.:* Chronic peritonitis; general fibrino-purulent peritonitis.

62. Female. 51 years. Entered Emergency Ward with diagnosis of duodenal ulcer. Four and a half months ago began to have indigestion; 2 days ago vomited ¾ pint of bright blood, followed by nausea and pain; half an hour later vomited ¾ pint of dark blood. *Operation*, day of entrance. Ether. Chronic duodenal ulcer; stomach opened on gastric side of pylorus hoping to find gastro-duodenal artery; posterior gastro-enterostomy; for 3 days following operation did well, except for vomiting of blood; 7 days after operation vomited 900 c.c. of blood; during night vomited 400 c.c. of blood, and died. Death due to hemorrhage. No autopsy.

GASTRO–ENTEROSTOMY WITH CAUTERIZATION FOR

Gastric ulcer.

63. Male. 62 years. For 6 months before admission dull pain in epigastrium coming on 2 hours after eating and relieved by vomiting of food; some loss of weight. Examination: Evidence of duodenal ulcer. *Operation*, day of transfer. Ether. Ulcer found on lesser curvature of stomach and first portion of duodenum. Ulcer cauterized. Posterior gastro-enterostomy. Two days after operation evidence of pleural bronchitis. Patient failed and died 10 days after operation. Clinical cause of death: Hypostatic pneumonia. No autopsy.

GASTRO–ENTEROSTOMY WITH EXCISION OF OLD STOMA FOR

Gastric ulcer.

64. Male. 59 years. Entered hospital with diagnosis of adhesions. Seven and a half years previous to entrance was operated upon for perforated appendix, with peritonitis; 2 years later, X-ray diagnosis was made of perforated ulcer of lesser curvature; 3½ years previous to present entry, exploratory laparotomy performed for gastric ulcer, together with anterior gastro-enterostomy; since leaving hospital has been bothered with intermittent pain to left of umbilicus; pain gradually grew worse; stopped work 3 weeks ago.

Operation, 10 days after entrance. Ether. Anterior abdominal wall attached to perforating ulcer, with loss of substance in abdominal wall opposite perforation; this was excised; anterior jejunostomy; excision of old stoma. Patient made good ether recovery; following day, considerably distended; 3 days later felt badly; had great deal of pain; vomited; respirations became shallow, rapid, and patient died. Clinical cause of death: Gastric ulcer; general peritonitis. *Anat. diag.:* Perforations in region of gastro-enterostomy sutures; general fibrino-purulent peritonitis.

GASTRORRHAPHY FOR

Rupture of stomach.

65. Male. 20 years. Four hours before admission, patient hit in epigastrium by iron bar. Examination: Boardlike rigidity of abdomen, some bloody vomitus. *Operation,* day of admission. Ether. Abdomen opened, full of blood; opening into stomach closed. Improved slowly for 24 hours; pulse became of poor quality; died 2 days after operation. Clinical cause of death: Hemorrhage. No autopsy.

GASTROSTOMY FOR

Carcinoma of esophagus.

66. Male. 52 years. Entered hospital with diagnosis of carcinoma of esophagus. Four weeks previous to entrance began to have tenderness and soreness along left sterno-mastoid, with pain on swallowing; pain on swallowing steadily increased; operated upon at this hospital for malignant disease of thyroid; since operation has had difficulty in swallowing, which has steadily increased. *Operation,* 2 days after entrance. Novocain. Gastrostomy. Did well for 8 days, then gradually lost strength and died 9 days after operation. Clinical cause of death: Carcinoma of thyroid and esophagus. No autopsy.

67. Male. 41 years. Several months before admission, operation performed for tumor of thyroid followed by persistent sinus; second operation 6 weeks previous to admission. Examination: Red indurated mass, slightly movable, in region of thyroid, discharging sinus at base. No food by mouth. *Operation,* day of admission. Novocain. Witzel gastrostomy. Following operation condition failed, patient complained of severe chill. Died 5 days after operation. Clinical cause of death: Perforation of thyroid sinus. No autopsy.

GASTROSTOMY FOR

Carcinoma of larynx.

68. Male. 60 years. Loss of weight for 6 months; difficulty in swallowing for 3 months; laryngeal paralysis 2 weeks. *Operation,* 3 days after admission. Local anesthesia. Witzel gastrostomy. Evidence of carcinoma of larynx. Died 7 days after operation. Clinical cause of death: Bronchopneumonia. No autopsy.

HYSTERECTOMY FOR

Carcinoma of cervix.

69. Female. 61 years. Entered hospital with diagnosis of carcinoma of cervix. *Operation,* 2 days after entrance. Ether. Panhysterectomy for carcinoma of cervix; uterus and appendages removed. Patient was in extreme shock following operation, failed to respond to stimulation and died. Clinical cause of death: Shock. No autopsy.

INCISION AND DRAINAGE OF

Carbuncle of neck.

70. Male. 63 years. Entered Emergency Ward with diagnosis of carbuncle of neck. *Immediate operation.* Gas and oxygen. Incision and drainage of very large carbuncle of neck. Culture showed staphylococcus aureus; 6 days later induration around incision seemed to have increased; 3 days later mental condition became poor; Dakin's solution; 12 days after operation, hemorrhage from granulating area controlled by pressure; Dakin's solution discontinued; condition gradually grew worse; lungs showed diffuse râles. Died 25 days after operation. Clinical cause of death: Septicemia; bronchopneumonia. *Anat. diag.:* Carbuncle of neck; bronchopneumonia; abscesses of liver and prostate.

INCISION AND DRAINAGE OF

Cervical abscess.

71. Male. 23 years. Three days previous to admission, patient had some dental work performed. Following this, became feverish; a great deal of pain in jaw and neck. Examination: Evidence of deep cervical abscess. Temperature 104.6; pulse 130. *Operation,* day of admission. Novocain. Incision of abscess of neck. Patient stopped breathing on the table and could not be revived. Clinical cause of death: Anesthesia. No autopsy.

INCISION AND DRAINAGE OF

Septic hand.

72. Male. 34 years. Two weeks previous to admission, patient cut thumb of left hand, which became swollen and painful; in bed for several days. Examination: Septic thumb, forearm swollen. Temperature 102. *Operation,* day of admission. Gas and oxygen. Drainage of infected tendon of thumb. Patient failed rapidly and died 48 hours later. Clinical cause of death: General septicemia. No autopsy.

INCISION AND DRAINAGE OF

Septic wound of operation.

73. Male. 59 years. Five weeks previous to admission, knocked down by automobile receiving fracture of left arm and leg. Patient treated in another hospital. On admission, arm and leg in plaster casts; septic wound lower third of tibia, no union. *Operation,* 4 days after admission. Gas. Incision and drainage septic compound fracture of left leg. Eight days later patient had severe chill. *Operation,* 8 days after first. Gas. Lower end of wound opened. Three days later temperature rose; patient died 8 days after second operation. Clinical cause of death: General septicemia; endocarditis. No autopsy.

INCISION AND DRAINAGE OF SCROTUM AND PERINEUM FOR

Perineal cellulitis with gangrene.

74. Male. 71 years. Frequency of urination for 5 months; retention for 3 days, relieved by cathartics, hot water bottles, etc. Examination: Fairly developed and nourished old man, some edema through extremities. Cellulitis of entire scrotum and perineum. *Operation,* day of admission. Spinal anesthesia. Abscesses opened. Patient in poor condition and died 10 minutes after operation completed. Clinical cause of death: Septicemia. No autopsy.

LAMINECTOMY AND CUTTING OF NERVE ROOTS FOR

Neuralgia of cervical and dorsal nerves.

75. Male. 69 years. Twelve years before admission, arm amputated at shoulder joint for sepsis; 2 years previous to present admission, brachial plexus excised and a cervical laminectomy with division of roots performed; pain not relieved. *Operation,* 4 days after admission. Ether. Laminectomy and division of roots of second and third dorsal and second and third cervical nerves; during operation patient suddenly stopped breathing; died on the table. Clinical cause of death unknown. No autopsy.

LAMINECTOMY WITH EXCISION OF

Sarcoma of vertebrae.

76. Female. 44 years. Pain in region of dorsum, constant for 6 months; tumor in same region 5 weeks; sensory anesthesia for 3 weeks; motor paralysis 3 days. Examination: Small tumor of vertebrae just below the angle of the scapula. *Operation.* Ether. Laminectomy; part of tumor removed. Condition poor at end of operation. Patient improved for 10 days, then pulse and temperature rose. Died 12 days after operation. Pathological report: Metastatic leio-myo-sarcoma. No autopsy.

LAPAROTOMY WITH DRAINAGE OF

Pelvic peritonitis.

77. Female. 28 years. Entered Emergency Ward with diagnosis of pelvic peritonitis. Five days before entrance was seized with severe abdominal pain; vomited; bowels have moved frequently ever since; during last 12 days condition has grown rapidly worse. *Immediate operation.* Ether. Vaginal puncture; foul smelling pus; patient in very poor condition following operation; failed to respond to stimulation, and died. Death due to sepsis and shock. No autopsy.

LAPAROTOMY WITH DRAINAGE FOR

Perforated intestine.

78. Female. 61 years. Constipation for 1 week previous to admission; 2 days before admission, vomiting which persisted and became fecal in character; abdomen distended. Examination: Abdomen distended, tense and tender. General condition poor. *Operation,* day of admission. Local anesthesia. Median incision abdomen, cavity filled with fecal material; drained; operation took 10 minutes. Died 15 minutes later. Clinical cause of death: General peritonitis. No autopsy.

LAPAROTOMY WITH DRAINAGE FOR

Rupture of intestine.

79. Male. 23 years. Patient was transferred from medical service with diagnosis of intestinal obstruction. Three years before entrance had appendectomy performed in this hospital; 1 year ago was operated upon in another hospital for chronic obstruction from adhesions. *Operation.* Gas and oxygen. Upon opening through abdominal wall, large quantity of fecal material escaped; whole lower abdomen below umbilicus filled with this material, apparently walled off; no cause found. Did well for 1 week, then gradually became weaker, and died 17 days after operation. *Anat. diag.:* Chronic peritonitis; necrosis of walls of intestine with escape of fecal material into pelvic cavity; septicemia; staphylococcus aureus; abscesses of kidneys; septic infarcts and abscesses of lungs.

LAPAROTOMY WITH EXCISION OF

Fibrosarcoma, retroperitoneal.

80. Female. 59 years. Ten years ago a "fibrous tumor" was removed from the abdomen; following the operation, gain in weight and strength. For 2 years previous to admission, however, has lost weight and mass has recurred. Examination: Evidence of retroperitoneal tumor. *Operation,* 3 days after admission. Ether. Retroperitoneal mass to left of median line behind peritoneum shelled out; considerable bleeding in wound; packed. Following operation patient vomited and general condition gradually failed. Died 9 days after operation. Clinical cause of death: Probable peritonitis. No autopsy.

LAPAROTOMY WITH INFOLDING OF

Perforated typhoid ulcer.

81. Male. 17 years. Entered medical service with diagnosis of typhoid fever. About 4 weeks after entrance, began to have pain in right lower quadrant; blood count rose to 20,000. *Operation.* Ether. Perforated typhoid ulcer 6 inches from ileo-cecal valve sutured. Did well for about 2 or 3 weeks, except for local sepsis around wound, then became very much distended; vomited; cecum protruded from wound; wound opened, with escape of considerable amount of gas; distention disappeared; felt better, picked up for a few days, then gradually grew weaker, and died 1 month after operation. Clinical cause of death: Starvation. No autopsy.

82. Male. 10 years. Patient under observation in medical service for 1 month for typhoid fever; 12 hours before transfer patient had sudden attack of abdominal pain, and vomiting. *Operation,* day of transfer. Ether. Perforated typhoid ulcer found 5 inches above cecum; second ulcer, perforated also, found; considerable peritonitis. Patient failed and died 24 hours later. Clinical cause of death: General peritonitis. No autopsy.

LAPAROTOMY WITH SUTURE OF

Perforated gastric ulcer.

83. Male. 56 years. Pain in abdomen for 3 weeks previous to admission, of slight severity; 12 hours previous to admission, acute abdominal pain in epigastrium accompanied by nausea. Examination: Abdomen tympanitic, board-like rigidity, general tenderness. *Operation,* day of admission. Ether. Perforated gastric ulcer found; opening closed. Patient failed steadily and died 24 hours later. Clinical cause of death: Peritonitis; perforated gastric ulcer. No autopsy.

LAPAROTOMY, EXPLORATORY, FOR

Carcinoma of ovary.

84. Female. 77 years. Transferred from medical service with diagnosis of ovarian cyst. *Operation.* Novocain. Large ovarian cyst with omentum and transverse colon adherent to it; pelvis covered with malignant nodules; attempt to remove cyst seemed unwise. Patient did fairly well following operation; 3 weeks after operation showed no gain in strength; 30 days after operation, vomited a great deal; 4 days later lost strength rapidly; 36 days after operation became comatose, and died following day. Clinical cause of death: Carcinoma. No autopsy.

LAPAROTOMY, EXPLORATORY, FOR

Carcinoma of prostate.

85. Male. 72 years. Entered hospital with diagnosis of obstructing prostate. *Operation,* 6 days after entrance. Novocain.

An attempt made to do a cystostomy, but found impossible; a mass of malignant disease encircled neck of bladder to such an extent that no bladder wall could be found. Two days later condition very poor; 4 days after operation, developed diffuse bronchopneumonia, and died following day. *Anat. diag.:* Epidermoid carcinoma of bladder with extension into prostate; pyonephrosis; pyelonephritis; hypostatic pneumonia, right; edema of lungs.

LAPAROTOMY, EXPLORATORY, FOR

Carcinoma of stomach.

86. Male. 31 years. For 1 year previous to admission, patient had pain in epigastrium after eating, with occasional nausea and vomiting; some loss of weight. Examination: Negative. X-ray: Evidence of carcinoma of stomach. *Operation.* Ether. Abdomen opened; inoperable carcinoma found; wound closed. Operation required 15 minutes. Condition poor at time of operation and transfusion performed. Following this patient had severe chill. Failed and died 12 hours later. Clinical cause of death: Carcinoma of stomach; shock. No autopsy.

87. Male. 53 years. For 1 year previous to admission had had slight loss of weight and dyspnea on exertion; 6 months before admission, vomited blood, since then had had pain in epigastrium. Examination, X-ray: Evidence of carcinoma of stomach. *Operation.* Ether. Exploratory only; extensive carcinoma. Two days later had evidence of chronic obstruction, becoming acute, and died 9 days after operation. Clinical cause of death: Carcinoma of stomach; intestinal obstruction. No autopsy.

LAPAROTOMY, EXPLORATORY, FOR

Intestinal obstruction.

88. Female. 1 month. Four days before admission patient had attack of vomiting and diarrhea, which continued. Examination: Abdomen distended throughout, no spasm, slightly tender. Patient nearly pulseless, general condition poor. *Operation,* day of admission. Ether. Exploratory laparotomy, no obstruction found. Operation took 15 minutes. Patient died 2 hours later. *Anat. diag.:* Intestinal obstruction.

89. Male. 52 years. Attack of sharp pain in right groin 6 days before admission. Examination: Evidence of double inguinal hernia. *Operation,* 3 days after admission. Direct and indirect inguinal hernia; usual Bassini repair. After operation patient began to hiccough, became distended; condition grew worse on third day. *Operation,* 3 days after first. Ether. Exploratory laparotomy; intestines distended, no obstruction found. Colostomy performed. The following day bowels moved well by rectum and through tube. Patient, however, failed; no further evidence of obstruction, but died on 7th day. Clinical cause of death: Mesenteric thrombosis. No autopsy.

LAPAROTOMY, EXPLORATORY, FOR

Intussusception.

90. Male. 8 months. Two days before admission, child evidently had attack of severe abdominal pain and persistent vomiting; following day movements contained large amount of mucus and blood. Examination: General abdominal tenderness. *Operation,* day of admission. Ether. Median incision. Part of small intestine found collapsed and injected; no surgical lesion found. Patient gradually failed and died 2 days later. Clinical cause of death: Shock; acidosis. No autopsy.

LAPAROTOMY, EXPLORATORY, FOR

Malignant lymphoma.

91. Male. 45 years. Loss of weight, and increasing weakness for 5 months previous to admission; some diarrhea. Abdominal distress for 6 weeks. Examination: Large abdominal tumor below the umbilicus, median line, and 2 other adjacent smaller masses. *Operation.* Ether. Intestines found massed together by mass of gray white tissue. Exploratory operation only. Two days after operation patient began to vomit and condition gradually failed. Died 10 days after operation. *Anat. diag.:* General peritonitis; streptococcus septicemia; malignant lymphoma of abdomen (general).

LAPAROTOMY, EXPLORATORY, WITH DRAINAGE FOR

Acute appendicitis with peritonitis.

92. Male. 10 years. Entered Emergency Ward with diagnosis of ruptured appendix. *Immediate operation.* Ether. Appendix perforated; right side and pelvis full of pus; small intestines glued together; 2 cigarette wicks. Patient made poor ether recovery; following day, delirious; 2 days after operation very restless, delirious, pulse weak; abdomen not distended; 3 days after operation, patient died. Death due to peritonitis. No autopsy.

93. Female. 16 years. Six days before admission, attack of pain in right lower quadrant with nausea and vomiting; given cathartics; condition gradually became worse until patient was brought to the hospital. Examination: Evidence of general peritonitis. Pulse 160, temperature 103.6. *Operation,* day of admission. Novocain. Rectus incision. Peritoneal cavity opened with escape of large amount of thick pus. Cigarette drain. Patient failed rapidly and died in 36 hours. Clinical cause of death: General peritonitis. No autopsy.

LAPAROTOMY, EXPLORATORY, WITH FREEING OF ADHESIONS FOR

Intestinal obstruction.

94. Male. 30 years. Entered Emergency Ward with diagnosis of intestinal obstruction. Day before entrance began to have pain in left lower quadrant; vomited. *Immediate operation.* Ether. Intestine about 4 feet below jejunal region greatly distended; obstruction by adhesion of bowel to posterior abdominal wall. Patient in very poor condition following operation; 2 days later abdomen greatly distended, vomited constantly, and died. Clinical cause of death: General peritonitis; intestinal obstruction. No autopsy.

95. Female. 73 years. Hernia for 40 years. Two days before admission, attack of vomiting and acute abdominal pain which persisted until day of admission; bowels have not moved. Examination: Little woman in very poor condition. Evidence of acute intestinal obstruction. *Operation,* day of admission. Spinal anesthesia. Loop of small intestine found in pelvis obstructed by band of adhesions. Patient died on arrival at ward. Clinical cause of death: Acute intestinal obstruction. No autopsy.

LAPAROTOMY, EXPLORATORY, WITH ILEOSTOMY FOR

Ulcerative colitis.

96. Female. 43 years. Entered hospital with diagnosis of varicose veins and bleeding hemorrhoids. Proctoscopic examination showed rectal mucosa full of small readily bleeding ulcers, giving the whole mucosa a raw and granulating appearance. *Operation,* 2 days after entrance. Ether. Rectum, sigmoid and descend-

ing colon very thick; congested; ileostomy; appendectomy. Three days after operation, condition quite weak, much fecal discharge, vomited; 13 days after operation, condition apparently improved, doing better; 2 days later condition much worse, temperature went up, patient failed to respond to stimulation, and died. *Anat. diag.:* Extensive ulcerative colitis; streptococcus septicemia; general peritonitis.

LAPAROTOMY, EXPLORATORY, WITH LATERAL ANASTOMOSIS FOR

Tuberculosis of intestines.

97. Male. 41 years. Two years previous to admission, attack of diarrhea; after that attack, patient slowly lost weight and had attacks of abdominal pain of short duration and colicky in character. Examination: Visible peristalsis and evidence of chronic intestinal obstruction. *Operation,* day of transfer. Gas and ether. Massed tuberculosis adhesion found in pelvis which caused obstruction by the resulting adhesions. In freeing the adhesions small bowel was drained. Lateral anastomosis done. Patient failed slowly and died 13 days after operation. Clinical cause of death: Chronic peritonitis. No autopsy.

LIGATION OF COMMON CAROTID ARTERY AND RESECTION OF

Carcinoma of parotid.

98. Female. 44 years. Four months previous to admission, hard tumor in parotid region of left side which had grown steadily larger. *Operation,* 7 days after admission. Ether. Removal of entire parotid gland with ligation of the common carotid artery. Patient died 24 hours after operation. *Anat. diag.:* Edema with softening of right cerebral hemisphere; purulent bronchitis.

LUMBAR PUNCTURE FOR

Meningitis.

99. Male. 10 years. Patient run over by automobile short time previously. Examination: Unconscious child, evidence of fracture of base of skull, frontal bones, both femurs, both bones of right leg. *Operation,* day of admission. Ether. Lumbar puncture. Three days after admission, developed evidence of meningitis improved by lumbar puncture. Clinical cause of death: Multiple fractures; fracture base of skull; meningitis. No autopsy.

OÖPHORECTOMY FOR

Carcinoma.

100. Female. 52 years. Operation, 2 years previous to admission, of partial gastrectomy for carcinoma of stomach. Menorrhagia for 6 months. Pain in lower abdomen for 7 weeks before admission; some loss of weight. Examination: Uterus large, with mass in each cul-de-sac. *Operation,* 2 days after admission. Ether. Carcinomatous tumor of each ovary found. Ovaries removed. Twelve hours after operation pulse began to rise; other symptoms of internal hemorrhage. Failed and died 24 hours after operation. *Anat. diag.:* Hemorrhage in peritoneal cavity; carcinoma of mesenteric and retroperitoneal lymph nodes.

PERINEAL SECTION AND SUPRAPUBIC CYSTOSTOMY FOR

Rupture of urethra.

101. Male. 55 years. Entered Emergency Ward with diagnosis of ruptured urethra. *Immediate operation.* Ether. Perineal section; suprapubic cystostomy; fractured pelvis noticed at this time.

Two weeks after operation suprapubic wound septic, patient became restless at night and ran septic temperature for next 2 weeks; 46 days after operation patient was very weak and refused to eat. Died following day. Clinical cause of death: Sepsis. No autopsy.

PROSTATECTOMY, PERINEAL, FOR

Adenoma of prostate.

102. Male. 63 years. Entered hospital with diagnosis of enlarged prostate. *Operation,* 10 days after entrance. Spinal anesthesia. Perineal prostatectomy. Did well for about 3 weeks, then began to have erysipelas of face; this gradually spread to back and scalp; during next few days became delirious. Died 33 days after operation. Clinical cause of death: Sepsis; erysipelas. No autopsy.

103. Male. 77 years. Frequency of urination for 5 years, which has gradually increased. Examination: Old man; fair physical condition; some chronic bronchitis; prostate enlarged, not tender; residual urine, 6 ounces. *Operation,* 2 weeks after admission. Novocain. Perineal prostatectomy. Diarrhea developed 1 week later followed shortly by evidence of bronchopneumonia. Patient died 17 days after operation. *Anat. diag.:* Streptococcus septicemia; bronchopneumonia.

PROSTATECTOMY, PERINEAL, FOR

Carcinoma of prostate.

104. Male. 75 years. Entered hospital with diagnosis of obstructing prostate. *Operation,* 9 days after entrance. Spinal anesthesia. Perineal prostatectomy. Did well for first week, then became septic and uremic — probably had pyelonephritis. Died 2 weeks after operation. Pathological report: Adeno-carcinoma of prostate. No autopsy.

105. Male. 60 years. Two years before admission, evidence of subacute retention; after that was unable to void without cathartics. Examination: Well developed man in good general condition. Renal function good. Sugar in urine. *Operation,* 11 days after admission. Spinal anesthesia. Perineal prostatectomy. Patient sugar free. Following operation sugar reappeared with large amounts of diacetic acid in urine. Acidosis increased and patient died 4 days after operation. Clinical cause of death: Acidosis. No autopsy.

PROSTATECTOMY, SUPRAPUBIC, FOR

Adenoma of prostate.

106. Male. 73 years. Evidence of prostatic obstruction for 3 years previous to admission. *Operation,* 3 days after admission. Novocain. Suprapubic cystotomy. *Operation,* 32 days after first. Spinal anesthesia. Suprapubic prostatectomy. Following second operation patient failed and died 2 days later. *Anat. diag.:* Lobar pneumonia; infectious nephritis; arteriosclerosis; dilatation of heart.

107. Male. 70 years. Symptoms of obstructing prostate 4 years before admission. Acute retention for 4 days, relieved by bladder tapping. *Operation,* day of admission. Local anesthesia. Suprapubic cystostomy. Kept on constant drainage for 19 days. *Operation,* 20 days after first. Spinal anesthesia. Suprapubic prostatectomy performed. Comatose next day, and died 48 hours after second operation. Clinical cause of death: Uremia. No autopsy.

108. Male. 60 years. For 2 years, incontinence which gradually increased at night, frequency during day; several attacks of acute retention. Examination: Fairly well developed man, good

general condition; prostate slightly tender and enlarged; strongly positive Wassermann. *Operation*, 10 days after admission. Gas and oxygen. Suprapubic prostatectomy. Two weeks later abscess of perineum opened. General condition poor; another abscess opened in scrotum; for next week general condition poor; failed and died 3 weeks after operation. Clinical cause of death: Sepsis; tabes dorsalis; obstructing prostate. No autopsy.

109. Male. 53 years. Two years previous to admission, litholapaxy performed for multiple vesical calculi; frequency and pain for 2 months. Cystoscopic examination: Tumor of bladder. *Operation*, 3 days after admission. Gas, oxygen and ether. Suprapubic cystostomy with removal of vesical calculus. Patient improved after operation. *Operation*, 2 weeks after first. Incision and drainage of periurethral abscess. Did well for first week, then showed signs of general infection; died 15 days after second operation. Clinical cause of death: Pneumonia; septicemia. No autopsy.

PROSTATECTOMY, SUPRAPUBIC, FOR

Carcinoma of prostate.

110. Male. 64 years. Incontinence for 6 months; marked frequency. Examination: Well developed and nourished man; evidence of chronic bronchitis. Rectal examination showed enlarged prostate. *Operation*, day of admission. Local anesthesia. Suprapubic cystotomy. Patient in good condition. *Operation*, 15 days later. Spinal anesthesia. Suprapubic prostatectomy. After second operation, ran temperature and showed evidence of septicemia. Gradually failed and died 25 days after prostatectomy. Clinical cause of death: Septicemia; carcinoma of prostate. No autopsy.

PYLORECTOMY AND GASTRO-ENTEROSTOMY FOR

Carcinoma of stomach.

111. Male. 70 years. For 6 months loss of weight and strength, accompanied by indigestion; some vomiting. Examination: Malignant disease of stomach. *Operation*. Ether. Pylorectomy; anterior gastro-enterostomy. Patient suddenly died 1 hour after operation. Clinical cause of death: Surgical shock. No autopsy.

PYLOROTOMY FOR

Congenital pyloric stenosis.

112. Male. 5 weeks. Transferred from children's service with diagnosis of pyloric stenosis. *Operation*. Ether. Pyloric tumor split to mucosa. Following day became very weak; vomited a great deal; fresh blood came from wound; following day, still more blood from wound, vomiting continued, and patient died. *Anat. diag.:* Pyloric stenosis; hemorrhage into peritoneal cavity; slight bronchopneumonia.

RADICAL CURE OF

Inguinal hernia.

113. Male. 1½ years. Entered hospital with diagnosis of right inguinal hernia. *Operation*, day after entrance. Ether. As wound was being sewn up, child's heart stopped beating; after 3 or 4 respirations, stopped breathing; artificial respiration was of no avail. Clinical cause of death: Status lymphaticus (?). No autopsy.

REDUCTION OF

Intussusception.

114. Male. 10 months. Well until 12 hours before admission. Attack of diarrhea with 2 bloody movements. Examination: Some

spasm left side of abdomen; definite palpable mass; intussusception found. *Operation*, day of admission. Ether. Intussusception reduced with little difficulty. Twelve hours later, had convulsions and died. Clinical cause of death: Shock; cerebral hemorrhage (?). No autopsy.

REDUCTION AND ILEOSTOMY FOR

Intussusception.

115. Male. 1 year. Vague abdominal symptoms for 10 days; 5 days before admission, attack of vomiting; bowels did not move after that until day of admission when 1 bloody mucous stool was passed. Examination: Full tumor left side of abdomen. *Operation*, day of admission. Ether. Intussusception found, cecum having advanced as far as the rectum. Reduction impossible, ileostomy performed. Died 5 hours after operation. Clinical cause of death: Surgical shock; intussusception. No autopsy.

REPAIR OF

Deep lacerated wounds of perineum, buttocks and rectum.

116. Male. 62 years. Five hours before admission was injured in railroad accident. Examination: Deep lacerated wound of perineum extending through rectum, fracture of right femur and multiple contusions. *Operation*, day after admission. Ether. Perineal wound explored. Two days after operation, projectile vomiting; gradually failed and died 36 hours later. Clinical cause of death: Peritonitis (?). No autopsy.

RESECTION OF INTESTINE WITH COLOSTOMY FOR

Umbilical hernia, strangulated.

117. Female. 73 years. Entered Emergency Ward with diagnosis of strangulated umbilical hernia; has had irreducible hernia for 40 years; previous to entrance, developed sharp pain around umbilicus with considerable swelling; pain and swelling steadily increased; local doctor etherized patient and attempted to reduce the hernia; when patient came out of ether, mass was as large as before. *Immediate operation.* Ether. Gangrenous perforation of transverse colon; intestine resected; Mixter tubes tied into intestinal ends. Patient died during night. Clinical cause of death: Shock. No autopsy.

RESECTION OF INTESTINE WITH END-TO-END ANASTOMOSIS FOR

Carcinoma.

118. Male. 63 years. Entered hospital with diagnosis of chronic inflammatory mass in right lower quadrant. Three years before entrance had stricture of urethra and perineal fistula; 2 years previous to entrance noticed irregular hard mass in right lower quadrant; X-ray showed no evidence of bone pathology; soon after this, sinus opened in buttock; this was operated upon; extended towards mass and Poupart's ligament. *Operation*, 9 days after entrance. Gas and oxygen. Upon opening sinus in right iliac fossa, several pieces of small intestine were opened; when finally straightened out, 4 openings were found in carcinomatous tissue in about 2 feet of small intestines; this resected. Four days after operation, abdomen distended, patient vomited, tenderness in left side, and patient died. Pathological report: Adeno-carcinoma of small intestine. *Anat. diag.:* General peritonitis; metastatic carcinoma of mesenteric lymph nodes; intestinal obstruction; arteriosclerosis; hemorrhagic edema of lungs.

119. Male. 55 years. Transferred from medical service with diagnosis of appendix abscess, or diverticulitis of sigmoid, or malignancy of sigmoid. *Operation.* Ether. Large abscess of mesentery and sigmoid drained; diverticulitis of sigmoid, with abscess. Two days after operation was in good condition except for passing of gas and fecal material through colostomy. *Operation,* 5 weeks after first. Ether. Resection of sigmoid with end-to-end anastomosis; liver filled with malignant nodules. Four days later abdomen markedly distended; 6 days after operation patient died. Pathological report: Adeno-carcinoma of sigmoid. *Anat. diag.:* General peritonitis; intestinal obstruction; metastases of liver and mesenteric lymph nodes.

RESECTION OF INTESTINE WITH END-TO-END ANASTOMOSIS FOR

Femoral hernia, strangulated.

120. Female. 38 years. Entered Emergency Ward with diagnosis of strangulated femoral hernia. *Immediate operation.* Ether. Loop of small intestine gangrenous; abdomen opened, loop resected, end-to-end anastomosis. Patient left operating room in very poor condition; failed to rally from shock of operation, and died during night. Death due to shock. No autopsy.

RESECTION OF INTESTINE WITH ENTEROSTOMY FOR

Femoral hernia, strangulated.

121. Female. 52 years. Entered Emergency Ward with diagnosis of strangulated femoral hernia. Four weeks previous to entrance, had influenza and bronchopneumonia in this hospital; developed a senile psychosis and was transferred to the Psychopathic Hospital; during her stay there, femoral hernia was noted; this was hard and tender for 24 hours. *Immediate operation.* Novocain. Strangulated intestine resected; Mixter tube tied in each end of intestine and brought out through femoral opening. Five days after operation wound very dirty, septic, skin irritated; developed senile dementia; 18 days after operation, grew suddenly worse, pulse became very weak, and patient died. Clinical cause of death: Sepsis; circulatory failure. No autopsy.

RESECTION OF INTESTINE WITH LATERAL ANASTOMOSIS FOR

Carcinoma.

122. Male. 57 years. Entered hospital with diagnosis of rectal polyp and question of malignancy. Six months previous to entrance began to have diarrhea; 10 weeks before entrance, sharp abdominal pain coming on after eating; lost 17 lbs. in 2 months; had mucus and blood with movements. *Operation,* 5 days after entrance. Ether. Mass found in middle of sigmoid; many hard masses in liver; entero-enterostomy. Eight days after operation had chill, temperature 102, very tender all over abdomen; 2 days later somewhat distended, gradually grew worse, and died. Clinical cause of death: Sepsis; peritonitis (?). No autopsy.

123. Male. 37 years. Epigastric pains and diarrhea for 8 months; progressive; some loss of weight. Examination: Mass below umbilicus, movable, not tender. *Operation.* Ether. Cancer of transverse colon found which involved lower loop of small intestine. Intestines resected and double anastomosis performed. Eight hours after operation pulse rose and blood pressure fell. Gradually failed; died 24 hours after operation. Clinical cause of death: (?) Internal concealed hemorrhage; (?) shock. No autopsy.

RESECTION OF INTESTINE WITH LATERAL ANASTOMOSIS FOR

Intestinal obstruction.

124. Female. 26 years. Five days before admission, attack of epigastric pain, accompanied with vomiting. Examination: Abdomen distended; generally spastic; marked tenderness in epigastrium. *Operation*, day of admission. Ether. Opening found in mesentery through which coil of duodenum had found its way and become obstructed. Lateral anastomosis performed with resection of gangrenous intestine. Marked shock for some hours following operation. General condition remained poor and temperature rose slowly for 5 days, after which it dropped some and condition improved. On 9th day some evidence of consolidation of pus in the right lower lobe of lung. Failed and died 15 days after operation. Clinical cause of death: Pneumonia. No autopsy.

125. Male. 55 years. Entered hospital with diagnosis of chronic intestinal obstruction. About 1 month previous to entrance was operated upon for strangulated umbilical hernia; made good ether recovery except for vomiting once or twice before leaving hospital; 1 week before entrance had some difficulty in moving bowels; vomited considerably. *Operation*, day after entrance. Ether. Small intestine at about jejunum and ileum obstructed by adhesions to knuckle of small intestine; knuckle resected; lateral anastomosis. Two days after operation developed signs of pneumonia at both bases, and died. *Anat. diag.:* Acute and chronic peritonitis; bronchopneumonia.

RESECTION OF RECTUM AND SIGMOID WITH COLOSTOMY FOR

Carcinoma of rectum.

126. Male. 56 years. Entered hospital with diagnosis of carcinoma of rectum. *Operation*, 2 days after entrance. Ether. Resection of rectum including carcinoma from above; end of sigmoid sutured to abdominal wall, cigarette wick to pelvis. Five days later, patient distended; vomited; 2 days later patient died. Clinical cause of death: General peritonitis. No autopsy.

RESECTION OF RIBS WITH DRAINAGE OF

Subphrenic abscess.

127. Male. 49 years. Entered hospital with diagnosis of question of gall stones, question of malignancy. Seven months ago was seized with sharp severe pain in epigastrium; vomited frequently. *Operation*, 13 days after entrance. Gas and oxygen. Two inches of tenth rib removed; pleural cavity found walled off, diaphragm ballooned up; small subphrenic abscess drained. Two days later suddenly became cyanotic, lungs filled with dry coarse râles, and patient died. Clinical cause of death: Hypostatic pneumonia; embolism (?). No autopsy.

RESUTURE OF ABDOMINAL WOUND

128. Female. 50 years. Entered hospital with diagnosis of lacerated perineum and rectocele. *Operation*, 2 days after entrance. Ether. Perineum repaired; ventral fixation; radical cure of umbilical hernia; dilatation and curettage; cholecystectomy for gall stones. Five days after operation suprapubic wound burst open during a coughing spell; intestine replaced. *Operation*, 23 days after first. Gas, oxygen and ether. Suprapubic wound resutured. Patient did well for 7 days, then suddenly became very short of breath, and died in a few minutes. Clinical cause of death: Coronary embolism. No autopsy.

SECTION, SECOND AND THIRD DIVISION OF FIFTH NERVE, WITH INJECTION OF ALCOHOL, FOR

Carcinoma of dura.

129. Male. 32 years. Pains in tumor of tongue for 2 months. Tongue swollen and tender, particularly so on right. *Operation,* 8 days after admission. Excision of Gasserian ganglion. Severe pain in head; dural metastases. Died 2 hours after operation. Clinical cause of death: Probable shock. No autopsy.

THORACOTOMY WITH DRAINAGE FOR

Empyema.

130. Male. 2 years. Entered Emergency Ward with diagnosis of empyema. *Immediate operation.* Novocain. Drainage between ribs; No. 20 French catheter put in. Culture showed pneumococcus. Child very sick, put on danger list; double pneumonia; 3 days later condition grew worse, and patient died. Clinical cause of death: Double pneumonia. No autopsy.

131. Male. 21 years. For 1 year patient has noticed increase in size of hands, feet and joints; has lost considerable weight. Examination: Evidence of empyema. *Operation.* Novocain. Empyema cavity drained through intercostal incision. Failed, and died 3 days after operation. *Anat. diag.:* Syphilitic acidosis; streptococcus septicemia; purulent pleuritis.

132. Male. 38 years. Two weeks before admission, attack of epidemic influenza; following this, symptoms of empyema developed. *Operation.* Local anesthesia. Intercostal incision, 2 tubes introduced. Following operation, some improvement for 5 days, then pus did not drain well; respiration became rapid. Death occurred on the 9th day. Clinical cause of death: Empyema; influenza; bronchopneumonia. No autopsy.

THORACOTOMY WITH RESECTION OF RIBS FOR DRAINAGE OF

Abscess of lung.

133. Male. 34 years. A year before admission, acute attack of pain in chest followed 1 week later by foul sputum. Pain in right chest persisted with intermittent cough and large amount of sputum. Examination: Evidence of lung abscess, right lobe. *Operation.* Ether. Several ribs removed. Drainage of abscess in middle lobe, right lung. Following operation, drained profusely for 15 days. *Operation,* 13 days after first. Chloroform and ether. Partial lobectomy with removal of abscess. Following second operation, condition remained poor, cough persisted, and was delirious at times. Six weeks later developed symptoms of brain abscess and died 66 days after first operation. *Anat. diag.:* Abscess of right lung; abscess of brain; phlegmon of subcutaneous tissue of left hip.

134. Male. 52 years. Well until 1 month before admission; sudden onset of cough, large amount foul sputum, 8 to 12 ounces raised daily; pain in left chest; considerable loss of weight. Examination: Evidence of lung abscess in lower left lobe. *Operation.* Gas and oxygen. Fourth and fifth ribs resected. Abscess in lower lobe left lung opened and drained. Severe shock following operation from which patient did not rally, and died 4 days after operation. Clinical cause of death: Lung abscess; shock. No autopsy.

THORACOTOMY WITH RESECTION OF RIB FOR DRAINAGE OF

Empyema.

135. Female. 21 years. Five years previously, chronic cough began; 3 years ago operation for lung abscess; since then under

treatment for bronchiectasis at various institutions. Examination: Evidence of localized empyema in left lower back; general condition poor. *Operation*, 9 days after admission. Gas and oxygen. Thoracotomy with drainage of localized empyema cavity. Following operation patient did well for 8 days, at end of which time temperature and pulse rose and evidence of lobar pneumonia, left side, set in; continued running high temperature and died 28 days after operation. Clinical cause of death: Bronchiectasis; lobar pneumonia. No autopsy.

136. Male. 47 years. Entered hospital with diagnosis of empyema following influenza. *Operation*, day of entrance. Gas, oxygen and ether. Resection of 9th rib for 2 inches in post-axillary line; 3 Carrel tubes; large amount of pus. Two days after operation patient developed lobar pneumonia on opposite side, gradually grew weaker, and died 8 days after operation. Clinical cause of death: Lobar pneumonia. No autopsy.

THYROIDECTOMY, SUBTOTAL, FOR

Exophthalmic goitre.

137. Female. 20 years. Patient under medical observation 4 weeks with symptoms of exophthalmic goitre. *Operation*, day of admission. Ether. Thyroidectomy. Patient died 24 hours later, toxic symptoms. *Anat. diag.:* Status lymphaticus; bronchopneumonia.

TRACHEOTOMY AND LARYNGECTOMY FOR

Carcinoma of larynx.

138. Male. 64 years. Entered hospital with diagnosis of malignant disease of larynx. One year previous to entrance voice began to fail. *Operation*, day of entrance. Cocain. Tracheotomy. *Operation*, 14 days after first. Ether. Left side of cartilage and part of growth removed, growth too extensive to remove completely; partial laryngectomy. Two days after operation patient had difficulty in breathing and swallowing; 5 days after operation, dulness at left base; next day signs of pneumonia. Died 5 days after second operation. Pathological report: Epidermoid carcinoma of larynx. *Anat. diag.:* Purulent tracheitis; arteriosclerosis; bronchopneumonia of right lung.

TREPHINING OF SKULL WITH REMOVAL OF BULLET FOLLOWING

Gunshot wound of head.

139. Male. 16 years. Twelve hours before admission, attempted suicide with revolver, shooting himself through temple. Examination: Patient unconscious, short breathing, vomiting. Wound in right temple; bullet felt below section in left temple. *Operation*, day of admission. Ether. Bilateral decompression for compound fracture, and removal of bullet. Patient progressed favorably for 16 days when temperature rose suddenly to 106; died in 48 hours. Clinical cause of death: Bullet wound of skull; meningitis. No autopsy.

VAGINAL PUNCTURE FOR DRAINAGE OF

Pelvic abscess.

140. Female. 23 years. Five weeks before admission, acute attack of pain in left lower quadrant which persisted; some difficulty in urination. Examination: Recto-vaginal fistula. Uterus firmly bound down by adhesions and evidence of abscess of right tube. *Operation*, 3 days after admission. Ether. Vaginal puncture

for pelvic abscess. Patient made satisfactory recovery for 3 days, when she suddenly complained of pain in chest, became pulseless and died in a few minutes. *Anat. diag.:* Acute peritonitis.

WIRING OF PUBIC BONES, AND EXTERNAL AND INTERNAL URETHROTOMY WITH CYSTOSTOMY FOR

Fracture of os innominatum and rupture of urethra.

141. Male. 46 years. Entered Emergency Ward with diagnosis of fractured pelvis, ruptured bladder, multiple lacerations and abrasions. Shortly before entrance while driving a team, patient was hit by an electric car. *Immediate operation.* Ether. Perineal section, suprapubic cystostomy and wiring pubis. Died 2 hours after operation. Death due to shock. No autopsy.

REPORT OF THE RADIOGRAPHIC DEPARTMENT

	1917	1918
Number of Out-Patient Department cases examined	7,127	7,436
Number of Emergency Ward cases examined	1,155	1,346
Number of Private cases examined	571	626
Number of Consultation Clinic cases examined	1,308	
Number of House cases examined	4,125	2,705
Number of cases treated	1,052	1,303
Total number of visits	15,338	13,416
Total number of new cases	8,912	8,265
Total number of cases fluoroscoped	4,354	4,251
Number of cases examined for diseases of the gastro-intestinal tract	1,735	1,382
Number of cases examined for diseases of the chest	884	1,487
Number of cases examined for diseases of the urinary tract	375	484
Number of cases examined for diseases of the gall-bladder		348
Number of cases examined for diseases of the skull and teeth		686
Number of cases examined for other reasons		4,778

LIST OF HOUSE PUPILS

An asterisk (*) against a name signifies military, naval, or Red Cross service in the present war. If omissions are discovered, it is because of inability to obtain information.

*Abbott, Roy Charles	Orthop.	1916
University of California Hospital, San Francisco, Cal.		
Adams, Benjamin Faneuil Dunkin	Surg.	1863
Died 1895.		
Adams, Charles Goldthwaite	Surg.	1850
Died 1852.		
*Adams, Frank Dennette	West Med.	1918
1801 Connecticut Ave., Washington, D. C.		
*Adams, William Bradford	East Med.	1918
51 Mulberry St., Springfield, Mass.		
*Albee, Fred Houdelett	South Surg.	1904
40 East 41st St., New York City.		
*Alden, Eliot	West Surg.	1902
620 Norton Ave., Los Angeles, Cal.		
*Allen, Arthur Wilburn	West Surg.	1915
52 Hereford St., Boston.		
Allen, Dudley Peter	West Surg.	1880
Died 1915.		
Allen, Freeman	South Surg.	1900
200 Beacon St., Boston.		
Allen, Seabury Wells	West Surg.	1898
509 Beacon St., Boston.		
*Alton, Benjamin Harrison	West Surg.	1916
729 N. Michigan Ave., Saginaw, Mich.		
Andrews, Thomas	Surg.	1847
Died 1852.		
Appleton, Paul	West Surg.	1917
6 Thomas St., Providence, R. I.		
*Aub, Joseph Charles	East Med.	1915
23 Crescent Apartments, Avondale, Cincinnati, Ohio.		
Ayer, James Bourne	Surg.	1872
Died 1910.		
*Badger, George Sherwin Clark	West Med.	1898
48 Hereford St., Boston.		

Bagg, Edward Parsons, Jr. . . . . East Med. 1913
243 Linden St., Holyoke, Mass.

Bain, John Baxter . . . . . East Med. 1903
348 Haverhill St., Lawrence, Mass.

*Balch, Franklin Greene . . . . . West Surg. 1893
279 Clarendon St., Boston.

Baldwin, Henry Cutler . . . . . East Surg. 1885
Died 1915.

*Baldwin, Walter Isaac . . . . . Orthop. 1913
135 Stockton St., San Francisco, Cal.

Barker, Williston Wright . . . . . West Med. 1908
4 Lyndhurst St., Dorchester, Mass.

Barnes, Allan Foster . . . . . South Surg. 1903
Died 1914.

Barney, Charles Norton . . . . . West Med. 1896
Major, U.S.A., M.C. (retired), 1705 Lawrence St., Denver, Colo.

Barney, George Lawrence . . . . . East Surg. 1895
Died 1898.

Barney, James Dellinger . . . . . East Surg. 1905
99 Commonwealth Ave., Boston.

Barrett, Benjamin . . . . . Apothecary 1823
Died 1869.

Barrett, Henry Augustus . . . . . Med. 1844
Died 1899.

Bartlett, Lyman . . . . . Med. 1832
Died 1865.

*Bartol, Edward Francis Washburn . . . East Surg. 1901
6 Reesdale Road, Milton, Mass.

*Bartol, John Washburn . . . . . East Surg. 1891
3 Chestnut St., Boston.

Barton, Lyman Guy, Jr. . . . . East Surg. 1914
Willsborough, N. Y.

Bates, Everett Alanson . . . . . East Med. 1891
57 Chestnut St., Springfield, Mass.

Beach, Henry Harris Aubrey . . . . . Surg. 1867
Died 1910.

*Beal, Howard Walter . . . . . South Surg. 1899
Died 1918.

*Beals, Lynn Staley . . . . . West Med. 1905
177 Dearborn St., Buffalo, N. Y.

*Bean, Harold Cotton . . . . . West Surg. 1918
102 Queensberry St., Boston.

*Beard, Archibald Hildreth . . . . . West Med. 1916
University Hospital, Minneapolis, Minn.

Beebe, Arthur Appleton Died 1900.	East Surg.	1899
Belknap, James Lyman Died 1911.	West Med.	1904
Bell, Charles	Surg.	1854
*Benner, Richard Stanwood 104 Maple St., Springfield, Mass.	West Surg.	1903
Berger, Harry Calvin Bellevue Hospital, New York City.	Child. Med.	1914
Berkley, Hugh Kling 1440 Third St., Santa Monica, Cal.	Child. Med.	1916
Bertody, Charles Died 1893.	Surg.	1846
*Bigelow, George Hoyt Framingham Centre, Mass.	East Med.	1917
Bigelow, Henry Jacob Died 1890.	Med.	1838
Bigelow, Leslie Lawson 185 E. State St., Columbus, Ohio.	West Surg.	1908
*Binger, Carl Alfred Lanning 75 Cliff St., New York City.	East Med.	1915
*Binney, George Hayward 447 Beacon St., Boston.	West Surg.	1913
*Binney, Horace 205 Beacon St., Boston.	South Surg.	1902
Blaisdell, John Harper 45 Bay State Road, Boston.	Dermatolog.	1911
Blake, John George Died 1918.	Surg.	1860
Blake, Samuel Coleman Died 1897.	Med.	1852
Blanchard, Albert Henry Died 1909.	Med.	1850
Blodgett, Albert Novatus 51 Massachusetts Ave., Boston.	Surg.	1870
Bloomer, Earl 1220 N. Third St., St. Joseph, Mo.	East Surg.	1917
*Bock, Arlie Vernon 45 Union Ave., Dubuque, Iowa.	West Med.	1917
Boos, William Frederick 427 Marlboro St., Boston.	West Med.	1902
Booth, Edward Chauncey 40 Boston St., Somerville, Mass.	West Med.	1877
Borden, Russell Potter Lower Canard, Nova Scotia.	West Surg.	1914

Borland, John Nelson . . . . . Died 1890.	Med.	1850
Boutelle, James Thacher . . . . . Hampton, Va.	Surg.	1870
Boutwell, Henry Thatcher . . . . . Died 1915.	Surg.	1869
*Boutwell, Horace Keith . . . . . 39 St. Paul St., Brookline, Mass.	East Med.	1905
Bowditch, Harold . . . . . 520 Commonwealth Ave., Boston.	West Med.	1911
Bowditch, Henry Ingersoll . . . . . Died 1892.	Med.	1830
Bowditch, Vincent Yardley . . . . . 506 Beacon St., Boston.	East Med.	1879
Bowen, John Templeton . . . . . 14 Marlboro St., Boston.	West Med.	1883
Bradford, Edward Hickling . . . . . 133 Newbury St., Boston.	Surg.	1872
Brannan, John Winters . . . . . 48 West 51st St., New York City.	East Surg.	1878
Brewster, George Washington Wales . . 213 Beacon St., Boston.	East Surg.	1893
Bridge, Horace . . . . . Augusta, Maine.	Med.	1870
Briggs, Charles Edwin . . . . . Osborn Bldg., Cleveland, Ohio.	East Surg.	1898
Briggs, Frederick Melancthon . . . . . 536 Commonwealth Ave., Boston.	East Surg.	1884
*Brigham, Francis Gorham . . . . . 35 Bay State Road, Boston.	East Med.	1910
Bright, George Adams . . . . . Died 1905.	Med.	1859
*Brooks, William Allen . . . . . 167 Beacon St., Boston.	East Surg.	1892
Broughton, Arthur Nicholson . . . . . 10 Roanoke Ave., Jamaica Plain, Mass.	South Surg.	1898
Brown, Dillon . . . . . Died 1909.	West Surg.	1885
Brown, Francis Henry . . . . . Died 1917.	Med.	1860
Brown, Lloyd Thornton . . . . . 372 Marlboro St., Boston.	South Surg.	1908
*Bryant, John . . . . . 338 Marlboro St., Boston.	West Surg.	1910

Buckingham, Edward Marshall . . . . West Surg. 1874
Died 1916.

Buckman, Thomas Elwood . . . . . East Med. 1918
1143 Riverside Ave., Jacksonville, Fla.

*Buffum, William Henry . . . . . East Med. 1903
Died 1918.

*Bull, Edward Cline . . . . . Orthop. 1917
1716 LeRoy Ave., Berkeley, Cal.

Bullard, Carleton Wheeler . . . . . West Surg. 1918
10 Alexander St., Framingham, Mass.

Bullard, William Norton . . . . . East Med. 1880
89 Marlboro St., Boston.

Bumstead, Freeman Josiah . . . . . Surg. 1850
Died 1879.

Burlingham, Louis Herbert . . . . . West Med. 1907
Barnes Hospital, St. Louis, Mo.

*Burnett, Francis Lowell . . . . . South Surg. 1908
205 Beacon St., Boston.

Burnett, Waldo Irving . . . . . Med. 1849
Died 1854.

Burnham, Elmond Arthur . . . . . West Med. 1893
154 Huntington Ave., Boston.

*Burrage, Thomas Jayne . . . . . East Med. 1904
139 Park St., Portland, Maine.

Bush, John Standish Foster . . . . . East Surg. 1874
651 Boylston St., Boston.

*Butler, Charles Shorey . . . . . East Surg. 1899
257 Newbury St., Boston.

*Butler, Joel Ives . . . . . South Surg. 1905
712 N. Stone Ave., Tucson, Ariz.

Cabot, Arthur Tracy . . . . . West Surg. 1876
Died 1912.

*Cabot, Hugh . . . . . South Surg. 1899
87 Marlboro St., Boston.

*Cabot, Richard Clarke . . . . . East Med. 1894
1 Marlboro St., Boston.

Callanan, Francis Jervois . . . . . East Surg. 1918
109 Warren St., Roxbury, Mass.

Capps, Joseph Almarin . . . . . East Med. 1896
122 S. Michigan Boulevard, Chicago, Ill.

Carney, Sidney Howard . . . . . Med. 1860
Died 1912.

Caryl, Lucian Willard . . . . . Surg. 1829
Died 1837.

Caswell, Charles O. . . . . Orthop. 1909
121 Spring St., Portland, Maine.

Chadbourne, Arthur Patterson . . . . East Med. 1890
Copley Plaza Hotel, Boston.

Chadwick, James Read . . . . . Surg. 1870
Died 1905.

*Chaffin, George Lawrence . . . . . East Surg. 1918
Farmington, Utah.

*Chamberlain, Weston Percival . . . . West Med. 1898
Colonel, Medical Corps, United States Army.

Chandler, Norman Fitch . . . . . West Med. 1888
82 High St., Medford, Mass.

Channing, Walter . . . . . Surg. 1871
Channing Sanatorium, Brookline, Mass.

Chapin, Lawrence Dudley . . . . . East Med. 1908
20 Maple St., Springfield, Mass.

*Chase, Henry Melville . . . . . West Surg. 1902
409 Marlboro St., Boston.

Chauncey, Charles William . . . . . Apothecary 1823
Died 1864.

Cheney, Marshall Chipman . . . . . West Med. 1918
2241 College Ave., Berkeley, Cal.

*Churchill, Frank Spooner . . . . . West Med. 1891
1259 N. State St., Chicago, Ill.

Chute, Arthur Lambert . . . . . South Surg. 1895
350 Marlboro St., Boston.

Clap, Edmund Wright . . . . . East Med. 1895
390 Commonwealth Ave., Boston.

*Clark, DeWitt Scoville, Jr. . . . . East Surg. 1915
32 Washington Square, Salem, Mass.

Clark, George Oliver . . . . . East Surg. 1904
142 Beacon St., Boston.

Clark, John Howe . . . . . Med. 1861
1537 Cambridge St., Cambridge, Mass.

Clark, Joseph Payson . . . . . East Surg. 1887
71 Marlboro St., Boston.

Clark, Nelson Henry . . . . . West Med. 1905
Highland Bldg., Pittsburg, Pa.

Cleaves, Edwin Nelson . . . . . East Surg. 1917
Massachusetts General Hospital.

Cobb, Farrar . . . . . East Surg. 1893
28 Commonwealth Ave., Boston.

*Codman, Ernest Amory . . . . . East Surg. 1895
227 Beacon St., Boston.

*Cogswell, William 151 Merrimac St., Haverhill, Mass.	South Surg.	1896
*Coller, Frederick Amasa 658 West Jefferson St., Los Angeles, Cal.	West Surg.	1914
*Colwell, Howard Spencer 656 Main St., Worcester, Mass.	East Med.	1916
Conant, William Merritt 486 Commonwealth Ave., Boston.	West Surg.	1884
Congdon, Russell Thompson Wenatchee, Wash.	West Surg.	1909
*Cook, Edgar Charles Mendota, Ill.	West Surg.	1916
Cooke, Henry Arnold 234 Benefit St., Providence, R. I.	East Med.	1897
Coolidge, Algernon 613 Beacon St., Boston.	East Surg.	1886
Coolidge, Frederick Shurtleff Died 1915.	West Surg.	1891
Cooper, Charles Wendell Died 1897.	West Surg.	1877
*Cotton, Frederick Jay 520 Commonwealth Ave., Boston.	West Surg.	1894
Coues, William Pearce 31 Massachusetts Ave., Boston.	West Surg.	1895
*Crabtree, Ernest Granville 87 Marlboro St., Boston.	East Surg.	1913
Crabtree, Harvard Hersey Massachusetts General Hospital.	East Surg.	1913
Crandell, Arthur Richmond 48 Church Green, Taunton, Mass.	South Surg.	1898
Crane, Phineas Miller Died 1882.	Apothecary	1826
*Crosbie, Arthur Hallam 260 Clarendon St., Boston.	East Surg.	1907
*Crothers, Bronson Lowry Bldg., St. Paul, Minn.	West Med.	1911
Cummin, John White 9 Massachusetts Ave., Boston.	South Surg.	1897
*Cunningham, Thomas Donald 1370 Gilpin St., Denver, Colo.	West Med.	1918
Curtis, Hall Died 1906.	Surg.	1856
Curtis, Robert Dudley Peter Bent Brigham Hospital, Boston, Mass.	Child. Med.	1918

Cushing, Edward Fitch	East Surg.	1888
Died 1911.		
Cushing, Edward Fitch	West Med.	1890
Died 1911.		
*Cushing, Harvey Williams	South Surg.	1896
70 Commonwealth Ave., Boston.		
Cushing, Joseph Whitney	Surg.	1860
Died 1897.		
Cusick, Lawrence Francis	East Surg.	1906
99 Newbury St., Boston.		
Cutler, Elbridge Gerry	Med.	1871
214 Beacon St., Boston.		
Cutler, George David	East Surg.	1912
180 Marlboro St., Boston.		
Cutler, William Ward	Med.	1835
Died 1870.		
Daland, Ernest Merrill	West Surg.	1918
14 Pearl St., Wakefield, Mass.		
Dalton, John Call	Surg.	1847
Died 1889.		
Dana, Francis	Med.	1829
Died 1872.		
Dane, John	East Surg.	1893
29 Marlboro St., Boston.		
Davenport, Francis Henry	Med.	1875
390 Commonwealth Ave., Boston.		
Davis, Abel Albert	East Surg.	1894
Calumet and Hecla Hospital, Calumet, Mich.		
*Davis, Lincoln	East Surg.	1899
205 Beacon St., Boston.		
Davis, William Augustus	Med.	1840
Died 1898.		
Davis, William Horace	West Surg.	1898
23 Beaumont St., Ashmont, Mass.		
Day, Charles Orrin, Jr.	East Surg.	1909
Main St., Hingham, Mass.		
DeCourcillon, Eugene	Med.	1857
Died.		
*Dennen, Ralph Waite	East Surg.	1911
258 Moody St., Waltham, Mass.		
*Dennie, Charles Clayton	Dermatolog.	1914
98 Mountfort St., Boston.		
Denny, Francis Parkman	West Med.	1895
111 High St., Brookline, Mass.		

*DeNormandie, Robert Laurent 355 Marlboro St., Boston.	East Surg.	1903
*Derby, George Strong 7 Hereford St., Boston.	East Surg.	1901
Derby, Hasket Died 1914.	Surg.	1857
Derby, Richard Henry Died 1907.	Surg.	1866
*Dexter, Richard 1003 Rose Bldg., Cleveland, Ohio.	East Med.	1906
*Dole, Kenneth Llewellyn Roanoke Ave., Jamaica Plain, Mass.	East Surg.	1917
Dolliver, George Carroll Died 1897.	South Surg.	1895
Donoghue, James Crowley Died 1911.	East Med.	1897
*Duke, William Waddell Waldheim Bldg., Kansas City, Mo.	East Med.	1910
Dunbar, Franklin Asaph Bonita, Cal.	East Med.	1882
Dunn, Charles Hunter 178 Marlboro St., Boston.	West Med.	1901
Dunn, William Aloysius Died 1918.	West Surg.	1875
Dunn, William Milos 602–3 Candler Bldg., Atlanta, Ga.	East Surg.	1912
Dupee, Horace Died 1891.	Surg.	1835
Durand, Henry Strong Security Trust Co., Rochester, N. Y.	West Surg.	1887
*Durkin, Harry Anthony 600 Fayette St., Peoria, Ill.	Child. Med.	1915
*Durkin, Harry Anthony 600 Fayette St., Peoria, Ill.	West Med.	1917
Dwight, Thomas Died 1911.	Surg.	1866
*Dwinell, George Francis 117 Massabesic St., Manchester, N. H.	West Surg.	1917
Dyer, Ezra Died 1887.	Surg.	1858
Eastman, Theodore Jewett 71 Marlboro St., Boston.	West Med.	1907
Easton, Charles Daniel 36 Ayrault St., Newport, R. I.	East Med.	1905

*Eaton, William Edward P. A. S., Lieut., United States Navy.	Dermatolog.	1908
Edes, Richard Edward Died 1901.	East Surg.	1895
Ela, Walter 13 Ash St., Cambridge, Mass.	East Surg.	1875
Eliot, George Died 1891.	West Surg.	1890
Elliot, John Wheelock 124 Beacon St., Boston.	West Surg.	1878
Ellis, Calvin Died 1883.	Med.	1849
Ellis, Joshua James Died 1861.	Med.	1851
*Emerson, Benjamin Kendall 37 Pearl St., Worcester, Mass.	East Surg.	1902
Emerson, Edward Waldo Lowell Road, Concord, Mass.	West Surg.	1874
*Emmons, Arthur Brewster, 2d 86 Bay State Road, Boston.	West Surg.	1905
Eustis, John Fenwick Died 1844.	Med.	1839
*Eustis, Richard Spelman 329 Beacon St., Boston.	West Med.	1912
*Eustis, Richard Spelman 329 Beacon St., Boston.	Child. Med.	1913
Eveleth, Charles Wilson 1 Madison Ave., New York City.	West Med.	1904
Everett, Oliver Hurd 53 Pearl St., Worcester, Mass.	East Surg.	1877
Fabyan, Marshall 379 Commonwealth Ave., Boston.	East Med.	1905
Farlow, William Gilson 24 Quincy St., Cambridge, Mass.	Surg.	1869
*Farnsworth, George Bourne 2047 E. Ninth St., Cleveland, Ohio.	East Surg.	1909
*Favill, John 78 E. Elm St., Chicago, Ill.	East Med.	1914
Felch, Lewis Perley 1069 Boylston St., Boston.	Orthop.	1909
Ferguson, Luther Mitchell Died 1916.	East Surg.	1915
*Finney, John Miller Turpin 1300 Eutaw Place, Baltimore, Md.	West Surg.	1889

Fisk, Arthur Lyman . . . . . West Surg. 1890
41 West 50th St., New York City.

*Fitch, Ralph Roswell . . . . . West Med. 1904
365 East Ave., Rochester, N. Y.

*Fitts, John Blair . . . . . Orthop. 1917
515 Chamberlayne Ave., Richmond, Va.

*Fitz, Reginald . . . . . East Med. 1911
Peter Bent Brigham Hospital, Boston.

*Flagg, Elisha . . . . . East Surg. 1902
199 Commonwealth Ave., Boston.

Fletcher, Ezra Wood . . . . . Med. 1841
Died 1847.

Flint, Carleton Phillips . . . . . South Surg. 1898
Died 1908.

Flint, John . . . . . West Surg. 1903
Died 1911.

Flint, John Sydenham . . . . . Med. 1845
Died 1887.

Floyd, Cleaveland . . . . . West Med. 1904
246 Marlboro St., Boston.

*Fogg, Neil Augustus . . . . . West Surg. 1918
Freeport, Maine.

*Foley, Thomas Madden . . . . . Orthop. 1915
1341 New Hampshire Ave., Washington, D. C.

Folsom, Norton . . . . . Med. 1863
Died 1903.

Ford, Lester Sackett . . . . . East Surg. 1882
Died 1882.

Foster, Burnside . . . . . West Surg. 1887
Died 1917.

Francis, George Ebenezer . . . . . Surg. 1862
Died 1912.

Francis, George Hills . . . . . East Surg. 1887
295 Walnut St., Brookline, Mass.

French, Ralph Winward . . . . . S. & E. Surg. 1911
151 Rock St., Fall River, Mass.

*Frost, Harold Maurice . . . . . West Surg. 1915
Tiverton, R. I.

Frost, Horace Bird . . . . . East Surg. 1897
30 N. Michigan Boulevard, Chicago, Ill.

*Gage, Homer . . . . . East Surg. 1888
72 Pearl St., Worcester, Mass.

Gage, Thomas Hovey . . . . . Surg. 1851
Died 1909.

Gallison, James Murry . . . . . West Surg. 1910
49 Hereford St., Boston.

Galloupe, Charles William . . . . . West Surg. 1884
188 Commonwealth Ave., Boston.

*Gamble, James Lander . . . . . West Med. 1912
Johns Hopkins Hospital, Baltimore, Md.

Gannett, William Whitworth . . . . . West Med. 1879
274 Marlboro St., Boston.

Gardner, Edwin Daniels . . . . . S. & W. Surg. 1912
59 Campbell St., New Bedford, Mass.

Garland, Frederick Eugene . . . . . South Surg. 1903
483 Beacon St., Boston.

Garland, Joseph Everett . . . . . West Surg. 1876
Died 1907.

Garland, Roy . . . . . West Surg. 1904
96 Middle St., Gloucester, Mass.

Gaunt, Frank Peyton . . . . . West Surg. 1913
Methodist Hospital, Nanking, China.

Gay, George Henry . . . . . Surg. 1844
Died 1878.

*Gay, Leslie Newton . . . . . East Med. 1918
402 N. Shamokin St., Shamokin, Pa.

Gay, Warren Fisher . . . . . West Surg. 1893
Died 1916.

Gibson, Robert Francis . . . . . West Med. 1902
Died 1914.

Gibson, William Borrowe . . . . . Surg. 1861
Died 1862.

Giddings, Harold Girard . . . . . South Surg. 1909
520 Commonwealth Ave., Boston.

Gilbert, Louis Whitmore . . . . . West Med. 1897
1470 Beacon St., Brookline, Mass.

Godding, Clarence Miles . . . . . East Surg. 1883
312 Benefit St., Providence, R. I.

Goddu, Louis Adilore Oliver . . . . . Orthop. 1910
510 Commonwealth Ave., Boston.

Goodale, Joseph Lincoln . . . . . West Med. 1893
258 Beacon St., Boston.

*Goodall, Harry Winfred . . . . . West Med. 1903
205 Beacon St., Boston.

Goodridge, Frederick James . . . . . South Surg. 1904
5 Appian Way, Cambridge, Mass.

Goodridge, Frederick James . . . . . Dermatolog. 1905
5 Appian Way, Cambridge, Mass.

Gould, Alfred Henry . . . . . South Surg. 1901
Died 1907.

Gould, Augustus Addison . . . . . Med. 1828
Died 1866.

*Graves, James Chapman, Jr. . . . . East Surg. 1906
416 Paulsen Block, Spokane, Wash.

*Graves, Robert John . . . . . East Surg. 1904
3 N. State St., Concord, N. H.

Graves, William Phillips . . . . . East Surg. 1900
244 Marlboro St., Boston.

Gray, Francis Henry . . . . . Med. 1833
Died 1880.

Greeley, Hugh Payne . . . . . West Med. 1910
112 N. Hamilton St., Madison, Wis.

Green, John Orne . . . . . Surg. 1865
267 Newbury St., Boston.

Green, Joshua . . . . . Apothecary 1821
Died 1875.

Green, Robert Montraville . . . . . South Surg. 1907
496 Commonwealth Ave., Boston.

Green, Samuel Abbott . . . . . Surg. 1853
Died 1918.

Greene, Edward Miller . . . . . East Med. 1889
45 Chestnut St., Boston.

Greenough, Francis Boott . . . . . Med. 1865
Died 1904.

*Greenough, Robert Battey . . . . . East Surg. 1896
8 Marlboro St., Boston.

*Greenough, Robert Battey . . . . . West Med. 1897
8 Marlboro St., Boston.

*Greenwood, Arthur Moses . . . . . West Surg. 1904
Lafling Apts., San Diego, Cal.

*Gregg, Alan . . . . . West Med. 1917
40 Old Orchard Rd., Chestnut Hill, Mass.

Gregg, Donald . . . . . West Med. 1909
Wellesley Ave., Wellesley, Mass.

Habersham, Joseph Clay . . . . . Med. 1852
Died 1881.

Hale, Josiah Little . . . . . Surg. 1867
Died 1903.

*Hall, Custis Lee . . . . . Orthop. 1915
Massachusetts Chambers, Boston.

*Hall, Francis Cooley . . . . . East Med. 1918
10 Marlboro St., Boston.

Hall, Herbert James . . . . . East Surg. 1896
69 Pleasant St., Marblehead, Mass.

Hall, Robert Granville . . . . . West Med. 1910
907 Journal Bldg., Broadway and Yamhill, Portland, Ore.

Hamilton, Robert De Lancey . . . . . East Med. 1904
220 High St., Newburyport, Mass.

*Hammond, John Wilkes, Jr. . . . . Child. Med. 1911
337 Harvard St., Cambridge, Mass.

*Hammond, John Wilkes, Jr. . . . . West Med. 1914
337 Harvard St., Cambridge, Mass.

*Harmer, Torr Wagner . . . . . East Surg. 1908
496 Commonwealth Ave., Boston.

Harrington, Charles . . . . . East Med. 1881
Died 1908.

Harrington, Francis Bishop . . . . . East Surg. 1881
Died 1914.

Harris, Francis Augustine . . . . . Surg. 1871
Died 1911.

Harrison, Paul Wilberforce . . . . . East Surg. 1909
Mason Memorial Hospital, Arabian Mission, Bahrein, Arabia.

Hartwell, Harry Fairbanks . . . . . South Surg. 1899
36 Walnut Park, Newton, Mass.

Hartwell, John Bryant . . . . . West Surg. 1905
1121 N. Tejon St., Colorado Springs, Colo.

Haskins, Alfred Leonard . . . . . Med. 1864
Died 1876.

Hastings, William Henry Howe . . . . Med. 1867
Died 1900.

Hatch, Floyd Frost . . . . . East Surg. 1916
Heber City, Utah.

Hatch, Royal . . . . . West Med. 1906
Died 1917.

Haven, Henry Cecil . . . . . East Surg. 1877
Died 1915.

Haven, Samuel Foster . . . . . Med. 1854
Died 1862.

Hawes, John Bromham, 2d . . . . . East Med. 1904
29 Gloucester St., Boston.

Hay, Gustavus . . . . . Med. 1856
Died 1908.

Hayden, David Hyslop . . . . . Surg. 1862
Died 1912.

Hayward, George . . . . . Surg. 1841
Died 1901.

Hayward, George Griswold . . . . . East Surg. 1880
Died 1910.

Head, John Frazier . . . . . Med. 1843
Died 1908.

Heard, John Theodore . . . . . Surg. 1858
Died 1906.

Hedblom, Carl Arthur . . . . . East Surg. 1913
Mayo Clinic, Rochester, Minn.

Hellmann, Robert Richard . . . . . Child. Med. 1910
Died 1911.

Hellmann, Robert Richard . . . . . S. & E. Surg. 1911
Died 1911, while on service.

Hersam, Norman Paul . . . . . Dermatolog. 1912
20 Hersam St., Stoneham, Mass.

Hewes, Henry Fox . . . . . East Med. 1895
416 Marlboro St., Boston.

Heywood, Charles Frederick . . . . . Surg. 1846
Died 1893.

Hildreth, Charles Hosea . . . . . Surg. 1850
Died 1884.

*Hill, George Hillard . . . . . West Surg. 1895
15 High St., Worcester, Mass.

Hill, George Sumner . . . . . East Med. 1901
295 Beacon St., Boston.

Hill, Lewis Webb . . . . . West Med. 1915
99 Commonwealth Ave., Boston.

Hodgdon, Andrew Hall . . . . . West Med. 1882
110 Maple Place, Dedham, Mass.

Hodges, William Donnison . . . . . East Surg. 1881
Died 1893.

*Hodgson, John Sprague . . . . . West Surg. 1916
Esmond, R. I.

*Holbrook, Charles Albert . . . . . East Surg. 1910
50 Merrimac St., Haverhill, Mass.

Holden, Charles Sumner . . . . . West Surg. 1883
24 So. Main St., Attleboro, Mass.

*Hollings, Charles Byam . . . . . West Surg. 1908
Care Surgeon-General, U.S.A., M.C., Wash., D. C.

Holmes, Christopher Columbus . . . . . Surg. 1839
Died 1882.

Holmes, Edward Lorenzo . . . . . Surg. 1853
Died 1900.

Homans, Charles Dudley . . . . . Surg. 1849
Died 1886.

Homans, John . . . . . Surg. 1861
Died 1903.

*Homans, John . . . . . South Surg. 1904
559 Chestnut Hill Ave., Brookline, Mass.

Homans, John, 2d . . . . . East Surg. 1882
Died 1902.

Hooker, Anson Parker . . . . . Med. 1857
Died 1873.

Hooker, Edward . . . . . Med. 1858
Died 1858, while on service.

Hooper, Henry . . . . . Surg. 1868
1210 Astor St., Chicago, Ill.

Hosmer, Alfred . . . . . Surg. 1855
Died 1891.

Houghton, Henry Lincoln . . . . . West Surg. 1895
176 Commonwealth Ave., Boston.

Howard, Herbert Handy . . . . . West Surg. 1914
24 Marlboro St., Boston.

Howe, Estes . . . . . Med. 1834
Died 1887.

Howe, Octavius Thorndike . . . . . West Surg. 1877
154 Beacon St., Boston.

Howe, Samuel . . . . . East Surg. 1875
Died 1879.

Howland, Joseph Briggs . . . . . West Surg. 1897
Massachusetts General Hospital.

*Hoyt, Charles Wentworth . . . . . West Surg. 1906
Rochester, N. Y.

*Hubbard, Joshua Clap . . . . . South Surg. 1897
86 Bay State Road, Boston.

Huntington, James Lincoln . . . . . South Surg. 1908
8 Gloucester St., Boston.

Huntington, Thomas Waterman . . . . East Med. 1876
Union Square Bldg., 350 Post St., San Francisco, Cal.

Hutchinson, Charles William . . . . . East Surg. 1918
Concord, Mass.

Hutchinson, Marcello . . . . . East Med. 1877
Died 1908.

Hyde, George Smith . . . . . Med. 1855
Died 1905.

Inches, Charles Edward . . . . . Surg. 1864
Died 1911.

*Irving, Frederick Carpenter . . . . . West Surg. 1911
86 Bay State Road, Boston.

*Jackson, Arthur Morison 512 Broadway, Everett, Mass.	West Surg.	1917
Jackson, Henry 380 Marlboro St., Boston.	East Med.	1885
Jackson, James Marsh Died 1918.	West Med.	1891
Jackson, John Barnard Swett Died 1879.	Apothecary	1827
Jackson, Sumner Waldron Waldoboro, Maine.	East Med.	1916
Jacobs, Henry Barton 11 Mt. Vernon Place, W., Baltimore, Md.	East Med.	1888
*Janes, Benjamin Franklin 218 Elm St., Northampton, Mass.	Dermatolog.	1909
Jaques, Henry Percy Lenox, Mass.	West Med.	1880
Jelly, Arthur Carleton 10 Arlington St., Boston.	East Med.	1892
*Jennings, Alpheus Felch 435 Jefferson Ave., Detroit, Mich.	West Med.	1912
*Johnson, Harold Abbott 70 Broad St., Lynn, Mass.	West Surg.	1901
Johnson, John Bates St. Louis, Mo.	Surg.	1838
Johnson, Walter Sidney Brockman Bldg., Los Angeles, Cal.	West Surg.	1899
Johnson, William Otis Died 1873.	Med.	1848
*Jones, Basil Bradbury Massachusetts General Hospital.	East Med.	1918
Jones, Claudius Marcellus Died 1892.	East Med.	1875
*Jones, Daniel Fiske 195 Beacon St., Boston.	West Surg.	1897
Jones, Ralph Kneeland Died 1888.	Med.	1846
*Joslin, Elliot Proctor 81 Bay State Road, Boston.	West Med.	1895
*Jouett, Frederic Robert 3 Garden St., Cambridge, Mass.	West Med.	1900
*Keller, Ernest Victor 72 W. Peachtree St., Atlanta, Ga.	Orthop.	1914
Kennedy, Arthur Lemuel 835 Gaylord Ave., Denver, Colo.	East Med.	1902

Kent, Barker Brooks . . . . . Surg. 1868
Died 1873.

*Kerr, William John . . . . . West Med. 1916
Hooper Inst. for Med. Research, San Francisco, Cal.

Kidder, Edward Hamilton . . . . . West Surg. 1894
Died 1898.

*Kidner, Frederick Clinton . . . . . South Surg. 1905
1337 David Whitney Bldg., Detroit, Mich.

*Kilgore, Alson Raphael . . . . . West Med. 1914
Care China Medical Board, 61 Broadway, New York City.

*Kilgore, Eugene Sterling . . . . . West Med. 1911
University of California Hospital, San Francisco, Cal.

Kimball, George Morrill . . . . . West Surg. 1885
226 No. Main St., Concord, N. H.

*Kingman, Lucius Collinwood . . . . . West Surg. 1905
76 Waterman St., Providence, R. I.

Kingsley, George Lyle . . . . . West Surg. 1890
Died 1890.

*Kinnicutt, Roger . . . . . East Med. 1908
72 Cedar St., Worcester, Mass.

Kramer, James Gerard . . . . . Child. Med. 1917
517 High Ave., N. W., Canton, Ohio.

*Lacey, Walter Hamer . . . . . West Surg. 1917
145 Grand View Ave., Wollaston, Mass.

*Ladd, Maynard . . . . . West Med. 1900
270 Clarendon St., Boston.

Lambert, Alfred . . . . . Surg. 1845
Died 1885.

Lamson, Paul Dudley . . . . . East Med. 1910
49 West St., Worcester, Mass.

Lane, Jonas Henry . . . . . Apothecary 1824
Died 1861.

Lane, William Nourse . . . . . Surg. 1852
Died 1862.

Langmaid, Samuel Wood . . . . . Surg. 1863
Died 1915.

*Langnecker, Harry Lesley . . . . . Orthop. 1908
505 Embarcadero Road, Palo Alto, Cal.

*Lanman, Thomas Hinckley . . . . . East Surg. 1918
9 Farrar St., Cambridge, Mass.

*Lawrence, Charles Henry, Jr. . . . . West Med. 1910
522 Commonwealth Ave., Boston.

Lecompte, Walter Augustus . . . . . West Surg. 1899
Died 1907.

Lee, John Moore . . . . . Child. Med. 1916
349 Doctors Bldg., Nashville, Tenn.

*Lee, Roger Irving . . . . . East Med. 1907
51 Brattle St., Cambridge, Mass.

*Lee, William George . . . . . East Surg. 1905
4557 Broadway, Chicago, Ill.

*Leland, George Adams, Jr. . . . . West Surg. 1912
483 Beacon St., Boston.

Lennox, William Gordon . . . . . East Med. 1915
Union Medical College, Peking, China.

Leonard, Edward DeWitt . . . . . East Surg. 1915
661 Commonwealth Ave., Newton Centre, Mass.

*Levek, Joseph Arthur . . . . . Child. Med. 1915
32 Lawrence St., Lawrence, Mass.

Lincoln, James Rufus . . . . . Orthop. 1918
Harvard Club, Boston, Mass.

*Lincoln, Merrick . . . . . West Med. 1901
2 Linden St., Worcester, Mass.

Lincoln, Rufus Pratt . . . . . Surg. 1867
Died 1900.

*Lingenfelter, George Price . . . . . Dermatolog. 1910
Metropolitan Building, Denver, Colo.

Little, John Mason . . . . . South Surg. 1902
374 Marlboro St., Boston.

Locke, Edwin Allen . . . . . East Med. 1902
311 Beacon St., Boston.

Locke, Harry Lesley Franklin . . . . Child. Med. 1912
Hartford Isolation Hospital, Hartford, Conn.

Lombard, Frederick Howard . . . . . West Surg. 1882
Died 1885.

*Lord, Frederick Taylor . . . . . East Med. 1901
305 Beacon St., Boston.

Lord, Sidney Archer . . . . . South Surg. 1894
Nashawtuc Hill, Concord, Mass.

*Loring, Robert Gardner . . . . . West Surg. 1896
10 Arlington St., Boston.

Lothrop, Howard Augustus . . . . . East Surg. 1892
101 Beacon St., Boston.

Lothrop, Oliver Ames . . . . . West Surg. 1909
101 Beacon St., Boston.

Luikart, Ralph Herbert . . . . . West Surg. 1917
2033 W. Tioga St., Philadelphia, Pa.

*Lund, Fred Bates . . . . . West Surg. 1893
527 Beacon St., Boston.

*Lunt, Lawrence Kirby 1630 East 13th Ave., Denver, Colo.	West Med.	1916
Lyman, Frank Alwaith Bldg., Duluth, Minn.	West Surg.	1893
*Lyon, Arthur Bates 131 Norfolk St., Wollaston, Mass.	Child. Med.	1916
*Lyon, Arthur Bates 131 Norfolk St., Wollaston, Mass.	West Med.	1917
*Mabon, Thomas McCance 510 Roslyn Place, Pittsburg, Pa.	West Med.	1918
*MacAusland, Andrew Roy 240 Newbury St., Boston.	West Surg.	1911
Mack, William Died 1895.	Surg.	1837
*Macomber, Donald 23 Prince St., West Newton, Mass.	South Surg.	1911
Manahan, Thomas James Died 1911.	South Surg.	1900
*Manton, Walter Williamson 32 Adams St., Detroit, Mich.	South Surg.	1910
*Marble, Henry Chase 28 Commonwealth Ave., Boston.	West Surg.	1912
Marks, Henry Koval 565 Park Ave., New York City.	East Med.	1909
Marshall, Herman Weston 66 Bay State Road, Boston.	West Surg.	1907
Marshall, Herman Weston 66 Bay State Road, Boston.	Orthop.	1908
*Marvin, Frank William 522 Commonwealth Ave., Boston.	West Surg.	1915
Mason, Amos Lawrence Died 1914.	Med.	1871
Mason, George Edward Died 1882.	Surg.	1864
Mason, William Castein 70 Main St., Bangor, Maine.	East Surg.	1878
*May, William Ropes 121 E. 38th St., New York City.	East Med.	1900
Mayo, Thomas Franklin 305 Cabot St., Newtonville, Mass.	Orthop.	1911
McCartin, John Edward 467 Columbia Road, Dorchester, Mass.	Orthop.	1912
McDowell, William Patton 207 Taylor Bldg., Norfolk, Va.	Child. Med.	1917

Mead, Louis Guy 259 Beacon St., Boston.	East Med.	1901
Meader, Charles Nash McPhee Bldg., Denver, Colo.	East Med.	1912
*Means, James Howard 15 Chestnut St., Boston.	East Med.	1913
Mears, Elijah Raymond Died 1841.	Surg.	1840
*Metcalf, Carleton Ray 4 N. State St., Concord, N. H.	East Surg.	1907
von Meysenbug, Ludo 1535 Webster St., New Orleans, La.	Child. Med.	1917
von Meysenbug, Ludo 1535 Webster St., New Orleans, La.	West Med.	1918
Millard, Jean Sears 111 Highland Ave., Akron, Ohio.	Dermatolog.	1911
Miller, Ernest Parker 408 Main St., Fitchburg, Mass.	West Med.	1877
*Miller, Richard Henry 279 Clarendon St., Boston.	East Surg.	1911
Minot, George Richards 188 Marlboro St., Boston.	East Med.	1913
Minot, James Jackson 188 Marlboro St., Boston.	East Med.	1878
*Mixter, Charles Galloupe 180 Marlboro St., Boston.	West Surg.	1907
*Mixter, Samuel Jason 180 Marlboro St., Boston.	West Surg.	1879
*Mixter, William Jason 180 Marlboro St., Boston.	South Surg.	1907
Moffitt, Herbert Charles 1818 Broadway, San Francisco, Cal.	East Med.	1895
Monks, George Howard 51 Commonwealth Ave., Boston.	East Surg.	1880
Montgomery, Orland Franklin Tulare, Cal.	East Surg.	1916
Moore, Frederick Fiske	West Med.	1876
*Moore, George Albert 31 W. Elm St., Brockton, Mass.	West Surg.	1911
Moorehouse, George Wilton 1110 Euclid Ave., Cleveland, Ohio.	East Med.	1899
Morrill, Ferdinand Gordon Died 1907.	Surg.	1868
*Morrill, Gordon Niles 1021 Prospect Ave., Cleveland, Ohio.	Orthop.	1908

*Morrison, Wayland Augustus 1263 W. Adams St., Los Angeles, Cal.	West Surg.	1916
Morse, George W 30 Pinckney St., Boston.	East Surg.	1910
Morse, Henry Lee North St., Medfield, Mass.	West Surg.	1878
Morton, William James 224 Riverside Drive, New York City.	Surg.	1871
Moseley, William Edward Died 1916.	East Med.	1874
Moseley, William Oxnard Died 1879.	West Med.	1878
*Mosher, Harris Peyton 828 Beacon St., Boston.	East Surg.	1897
Mumford, James Gregory Died 1914.	East Surg.	1890
*Murphy, Fred Towsley 1806 Locust St., St. Louis, Mo.	West Surg.	1901
Musgrave, Percy Bar Harbor, Maine.	East Med.	1899
*Neal, Kemp Prather Monroe, North Carolina.	East Surg.	1918
New, Way Sung Union Medical College, Peking, China.	Orthop.	1918
Newburgh, Louis Harry University Hospital, Ann Arbor, Mich.	West Med.	1909
Newell, Franklin Spelman 443 Beacon St., Boston.	South Surg.	1896
Newell, Otis Kimball	East Surg.	1883
Newhall, Harvey Field 51 Nahant St., Lynn, Mass.	East Surg.	1906
Newhall, Herbert William 82 Broad St., Lynn, Mass.	West Med.	1883
Nichols, Arthur Howard 55 Mt. Vernon St., Boston.	Surg.	1865
Norton, Chauncey Williams Saranac Lake, N. Y.	West Surg.	1902
Oakman, Carl Shepard 62 Bagg St., Detroit, Mich.	East Surg.	1904
Odin, John Died 1864.	Surg.	1832
Odiorne, Walter Burlingame Died 1906.	East Surg.	1900
*O'Ferrall, John Tolson 2341 Camp St., New Orleans, La.	Orthop.	1913

Oliphant, Robert Woodruff . . . . . Med. 1848
Died 1883.

*Oliver, Everard Lawrence . . . . . Dermatolog. 1907
362 Commonwealth Ave., Boston.

Oliver, Henry Kemble . . . . . Med. 1854
E. Jaffrey, N. H.

Oliver, Joseph Pearson . . . . . Med. 1870
Died 1903.

Omer, Joy Alva . . . . . Orthop. 1912
George Washington Univ. Hosp., Washington, D. C.

*O'Neil, Richard Frothingham . . . . . West Surg. 1895
379 Beacon St., Boston.

*O'Neil, Richard Frothingham . . . . . East Med. 1896
379 Beacon St., Boston.

Ordway, Clarence Eugene . . . . . West Surg. 1906
371 Main St., Winchester, Mass.

*Osgood, Howard . . . . . East Med. 1917
84 Prescott St., Cambridge, Mass.

*Osgood, Robert Bayley . . . . . West Surg. 1900
372 Marlboro St., Boston.

*Otis, Walter Joseph . . . . . West Surg. 1880
267 Beacon St., Boston.

Overlander, Charles Leonard . . . . . West Med. 1906
520 Beacon St., Boston.

*Packard, George Byron, Jr. . . . . East Surg. 1916
1344 Franklin St., Denver, Colo.

Page, William Hussey . . . . . Surg. 1852
Died 1888.

*Painter, Charles Fairbank . . . . . East Surg. 1896
522 Commonwealth Ave., Boston.

*Palfrey, Francis Winslow . . . . . West Med. 1903
80 Marlboro St., Boston.

Palmer, Walter Walker . . . . . East Med. 1911
Presbyterian Hospital, New York City.

*Park, James Howard . . . . . Child. Med. 1918
2918 Jackson St., Houston, Texas.

Park, John Gray . . . . . Med. 1861
Died 1905.

Parker, Willard . . . . . Med. 1829
Died 1884.

*Parker, Willard Stephen . . . . . East Med. 1911
128 Bay State Road, Boston.

Parkman, Samuel . . . . . Med. 1836
Died 1854.

*Parmenter, Derric Choate East Gloucester, Mass.	East Med.	1918
*Peabody, Charles William 1033 Beacon St., Brookline, Mass.	East Surg.	1917
*Peabody, Francis Weld Peter Bent Brigham Hospital, Boston.	East Med.	1908
Pearl, Frederick Warren 125 East 36th St., New York City.	East Surg.	1895
Pease, Edward Allen 431 Beacon St., Boston.	West Surg.	1892
Pegram, John Combe, Jr. Died 1906.	West Surg.	1896
Pemberton, Frank Arthur 355 Marlboro St., Boston.	South Surg.	1911
*Percy, Karlton Goodsell 362 Commonwealth Ave., Boston.	East Med.	1912
Perkins, William Albert 2567 Orchard Ave., Ogden, Utah.	East Surg.	1917
Peterson, Hugo Oliver 44 Pleasant St., Worcester, Mass.	East Med.	1912
Pfeiffer, Oscar Joseph 521 Colfax Ave., Denver, Colo.	East Surg.	1884
Phillips, Jerrie Knowlton Died 1899.	West Surg.	1886
Phippen, Hardy 84 Washington Sq., Salem, Mass.	East Surg.	1889
Phippen, Walter Gray 31 Chestnut St., Salem, Mass.	South Surg.	1906
Pierce, George Burgess Milton, Mass.	West Surg.	1900
Pierson, Edward Brooks Died 1874.	Surg.	1842
Pierson, Philip Hale 1721 Pacific St., San Francisco, Cal.	East Med.	1915
Porter, Charles Allen 116 Beacon St., Boston.	East Surg.	1893
Porter, Charles Burnham Died 1909.	West Surg.	1864
Porter, Francis Edward 409 Auburn St., Auburndale, Mass.	Surg.	1872
Post, Abner 16 Newbury St., Boston.	Surg.	1869
Potter, Alexander Carleton 522 Commonwealth Ave., Boston.	South Surg.	1900

Potter, Nathaniel Bowditch . . . . . East Med. 1898
Memorial Hospital and Clinic, Santa Barbara, Cal.

Pratt, Calvin . . . . . Surg. 1865
South St., Bridgewater, Mass.

Pratt, Herbert James . . . . . Med. 1867
Died 1915.

Pratt, John Washburn . . . . . West Surg. 1886
Dedham, Mass.

Prescott, Henry Dudley . . . . . East Surg. 1904
176 William St., New Bedford, Mass.

Putnam, Charles Pickering . . . . . Med. 1868
Died 1914.

Putnam, Charles Russell Lowell . . . . South Surg. 1895
121 East 38th St., New York City.

Putnam, James Jackson . . . . . Med. 1869
Died 1918.

Quinby, William Carter . . . . . East Surg. 1903
Peter Bent Brigham Hospital, Boston.

Quincy, Henry Parker . . . . . Surg. 1866
Died 1899.

*Rackemann, Francis Minot . . . . . East Med. 1914
263 Beacon St., Boston.

Ragle, Benjamin Harrison . . . . . East Med. 1917
35 Bay State Road, Boston.

Ray, Benjamin Lincoln . . . . . Med. 1858
Died 1879.

Reggio, André William . . . . . West Surg. 1914
286 Beacon St., Boston.

Reynolds, Edward . . . . . East Surg. 1885
321 Dartmouth St., Boston.

Reynolds, John Phillips . . . . . Med. 1851
Died 1909.

Reynolds, Joseph . . . . . Apothecary 1825
Died 1872.

Rice, Alexander Hamilton . . . . . East Surg. 1905
688 Boylston St., Boston.

Richards, Dexter Newell . . . . . East Surg. 1912
475 Geary St., San Francisco, Cal.

*Richardson, Edward Pierson . . . . . East Surg. 1907
224 Beacon St., Boston.

Richardson, Mark Wyman . . . . . West Med. 1895
Room 23, 67 Milk St., Boston.

Richardson, Maurice Howe . . . . . East Surg. 1877
Died 1912.

Richardson, William Lambert . . . . . Med. 1866
225 Commonwealth Ave., Boston.

Riley, Augustus . . . . . South Surg. 1909
857 Beacon St., Boston.

Risley, Edward Hammond . . . . . East Surg. 1908
520 Commonwealth Ave., Boston.

Robbins, Chandler . . . . . South Surg. 1905
Weston, Mass.

*Robertson, Oswald Hope . . . . . West Med. 1914
2744 Dohr St., Berkeley, Cal.

Robinson, Carl Merrill . . . . . West Surg. 1913
Leighton Bldg., Longfellow Sq., Portland, Maine.

*Robinson, Samuel . . . . . South Surg. 1902
Mayo Clinic, Rochester, Minn.

Robinson, Samuel Quincy . . . . . Surg. 1876
Died 1899.

*Rockey, Eugene Watson . . . . . East Surg. 1914
Electric Bldg., Portland, Ore.

*Rogers, Orville Forrest, Jr. . . . . West Med. 1913
465 Washington St., Dorchester, Mass.

Ropes, Francis Codman . . . . . Surg. 1859
Died 1869.

Rosser, Curtice . . . . . West Surg. 1918
4002 Gaston Ave., Dallas, Texas.

Rotch, Thomas Morgan . . . . . West Med. 1874
Died 1914.

Sabine, George Kraus . . . . . Surg. 1872
30 Irving St., Brookline, Mass.

*Sadler, Roy Angelo . . . . . East Med. 1909
652 Massachusetts Ave., Boston.

Salisbury, Stephen . . . . . Surg. 1834
Died 1875.

*Sanford, Henry Lindsay . . . . . East Surg. 1901
Osborn Bldg., Cleveland, Ohio.

Sargent, Joseph . . . . . Med. 1837
Died 1888.

Sargent, Lucius Manlius . . . . . Surg. 1855
Died 1864.

Sawyer, Albert Franklin . . . . . Surg. 1851
Died 1903.

*Sawyer, Wilbur Augustus . . . . . West Med. 1908
2816 Derby St., Berkeley, Cal.

Sayward, William Henry, Jr. . . . . West Med. 1900
Wayland, Mass.

*Schnack, Adolph George . . . . . East Med. 1917
Box 104, Honolulu, Hawaii.

*Scholl, Albert John, Jr. . . . . East Surg. 1917
1336 S. Main St., Los Angeles, Cal.

Schram, Charles . . . . . West Med. 1886
52 East 82d St., New York City.

*Schwartz, Abraham Bernard . . . . . Child. Med. 1914
Room 410, Goldsmith Bldg., Milwaukee, Wis.

Scott, Zaccheus Roscoe . . . . . Child. Med. 1915
Dravosburg, Pa.

Scudder, Charles Locke . . . . . East Surg. 1889
209 Beacon St., Boston.

Scudder, Gardiner Hubbard . . . . . West Med. 1896
Died 1896.

Seabury, Robert Brewster . . . . . West Surg. 1918
19 Park Lane St., Jamaica Plain, Mass.

Sears, George Gray . . . . . West Med. 1885
426 Beacon St., Boston.

Seaverns, Joel . . . . . Med. 1853
Died 1894.

Seelye, Ralph Holland . . . . . East Surg. 1891
73 Chestnut St., Springfield, Mass.

Seelye, Walter Clark . . . . . West Surg. 1900
66 William St., Worcester, Mass.

Sewall, John Gallison . . . . . Med. 1847
Died 1872.

*Shattuck, Frederick Cheever . . . . . Med. 1872
135 Marlboro St., Boston.

Shattuck, George Cheever . . . . . East Med. 1906
205 Beacon St., Boston.

*Shaw, Henry Alden . . . . . West Surg. 1891
Colonel, United States Army, Medical Corps.

*Sheahan, George Maurice . . . . . West Surg. 1908
12 School St., Quincy, Mass.

*Sheldon, Russell Firth . . . . . East Surg. 1912
31 Pinckney St., Boston.

Sherman, Thomas Foster . . . . . West Med. 1881
Died 1893.

Sherrick, Joseph Leslie . . . . . West Med. 1915
317 East Broadway, Monmouth, Ill.

Shirley, John Newton . . . . . West Surg. 1918
South Duxbury, Mass.

Sibley, Benjamin Ernest . . . . . South Surg. 1906
1732 Beacon St., Brookline, Mass.

Silverman, Abraham Clement . . . . . Child. Med. 1917
College of Medicine, Syracuse University, Syracuse, N. Y.

Simmons, Channing Chamberlain . . . East Surg. 1900
317 Marlboro St., Boston.

Sinclair, Alexander Doull . . . . . Med. 1856
Died 1911.

Sisson, Eugene Pardon, Jr. . . . . Child. Med. 1918
Hamilton, N. Y.

*Sisson, Warren Richards . . . . . Child. Med. 1912
329 Beacon St., Boston.

Slade, Daniel Denison . . . . . Surg. 1848
Died 1896.

*Smith, George Gilbert . . . . . West Surg. 1909
99 Commonwealth Ave., Boston.

*Smith, Harold Wellington . . . . . South. Surg. 1903
P. A. S., Lieutenant, United States Navy.

Smith, Hervey Lewis . . . . . West Med. 1907
249 Union St., Springfield, Mass.

Smith, Ira St. Clair . . . . . Surg. 1868
Died 1891.

Smith, Richard Mason . . . . . West Med. 1909
329 Beacon St., Boston.

Smith, William David . . . . . West Med. 1913
99 Commonwealth Ave., Boston.

Smith, William Henry . . . . . West Med. 1897
8 Marlboro St., Boston.

Smith, William Lord . . . . . West Surg. 1892
2 Newbury St., Boston.

Smith-Petersen, Marius Nygaard . . . Orthop. 1916
232 Bay State Road, Boston.

*Sowles, Horace Kennedy . . . . . West Surg. 1917
Barre, Vt.

Spalding, Roger . . . . . East Med. 1902
Duxbury, Mass.

Sparhawk, Thomas . . . . . Med. 1831
Died 1874.

Spear, Louis Mahlon . . . . . East Med. 1906
483 Beacon St., Boston.

*Spooner, Lesley Hinckley . . . . . East Med. 1909
260 Clarendon St., Boston.

Sprague, Richard . . . . . West Surg. 1888
Died 1892.

Sprague, Russell Bradford . . . . . Orthop. 1911
520 Commonwealth Ave., Boston.

Stearns, John Died 1898.	Surg.	1859
Stearns, Thornton Tsinan, Shantung, China.	East Surg.	1913
Stearns, Thornton Tsinan, Shantung, China.	Orthop.	1914
Stedman, Charles Ellery Died 1909.	Surg.	1854
Stedman, George 1069 Boylston St., Boston.	West Surg.	1875
Stedman, Henry Rust 48 Beacon St., Boston.	East Surg.	1874
Steenberg, Donald Benjamin Aurora, Neb.	East Surg.	1915
*Stern, Newton Samuel 658 Poplar Ave., Memphis, Tenn.	East Med.	1917
*Stevens, Harold Wentworth Saco, Maine.	Child. Med.	1914
*Stevens, Harold Wentworth Saco, Maine.	East Med.	1916
*Stevens, Horace Paine 1 Waterhouse St., Cambridge, Mass.	West Surg.	1907
Stevens, Lewis Tebbets Died 1898.	West Med.	1887
Stickney, Josiah Henry Died 1901.	Surg.	1857
Stone, Arthur Kingsbury 44 Fairfield St., Boston.	West Surg.	1888
*Stone, James Savage 234 Marlboro St., Boston.	East Surg.	1894
Storer, Malcolm 476 Boylston St., Boston.	East Surg.	1890
Stowell, Edmund Channing Marlboro, N. H.	East Med.	1893
*Strauss, Arthur Edgar 6147 McPherson Ave., St. Louis, Mo.	East Med.	1916
Strong, Charles Pratt Died 1893.	West Surg.	1881
Sturgis, Frederick Russell 530 Fifth Ave., New York City.	Surg.	1866
Sutter, Loe Albright Kansas Sanitarium, Wichita, Kan.	Dermatolog.	1913
Swaim, Loring Tiffany 372 Marlboro St., Boston.	West Surg.	1912

Swain, Howard Townsend . . . . . East Surg. 1898
226 Commonwealth Ave., Boston.

Swain, Howard Townsend . . . . . West Med. 1899
226 Commonwealth Ave., Boston.

Swan, Charles Walter . . . . . Med. 1863
19 Elm St., Branford, Conn.

Swan, William Donnison . . . . . East Surg. 1886
167 Brattle St., Cambridge, Mass.

Sweet, Clifford Daniel . . . . . Child. Med. 1913
710 Griffith McKenzie Bldg., Fresno, Cal.

Swett, Samuel . . . . . Surg. 1831
Died 1866.

Swift, John Baker, Jr. . . . . South Surg. 1909
419 Beacon St., Boston.

Swift, William Nye . . . . . East Med. 1881
Died 1911.

Talbot, Fritz Bradley . . . . . East Med. 1907
311 Beacon St., Boston.

Talbot, John Edward . . . . . East Med. 1914
28 Pleasant St., Worcester, Mass.

Tarbell, George Grosvenor . . . . . Surg. 1864
Died 1900.

Taylor, Frederick Weston . . . . . East Med. 1882
Died 1919.

*Taylor, John Houghton . . . . . East Med. 1917
1735 Massachusetts Ave., Cambridge, Mass.

Temple, William Franklin, Jr. . . . . West Surg. 1913
377 Beacon St., Boston.

*Thaxter, Langdon Thom . . . . . East Med. 1916
306 Spring St., Portland, Maine.

Thayer, William Henry . . . . . Med. 1842
Died 1897.

*Thayer, William Sydney . . . . . West Med. 1889
406 Cathedral St., Baltimore, Md.

Thomas, Henry Malcolm, Jr. . . . . West Med. 1917
1228 Madison Ave., Baltimore, Md.

Thomas, Thomas Kemble . . . . . Surg. 1830
Died 1863.

Thompson, Frederick Henry . . . . . Surg. 1869
3 Pleasant St., Fitchburg, Mass.

Thorndike, Augustus . . . . . West Surg. 1889
601 Beacon St., Boston.

Thorndike, William . . . . . Surg. 1856
Died 1884.

Thorndike, William Henry . . . . . Died 1884.	Surg.	1848
Tilden, George Horton . . . . . Died 1916.	East Surg.	1876
Tileston, Wilder . . . . . 424 Temple St., New Haven, Conn.	East Med.	1900
Tobey, James Edwin . . . . . Died 1891.	Surg.	1871
Toppan, Roland Lesley . . . . . 140 High St., Newburyport, Mass.	South Surg.	1910
*Torbert, James Rockwell . . . . . 252 Marlboro St., Boston.	East Surg.	1902
Tower, Charles Carroll . . . . . Died 1893.	Med.	1858
Townsend, Charles Wendell . . . . . 76 Marlboro St., Boston.	East Med.	1886
Townsend, William Edward . . . . . Died 1866.	Surg.	1843
Tuck, Henry . . . . . Died 1845.	Surg.	1833
Tuck, Henry . . . . . Died 1904.	Med.	1866
*Van Nüys, Fresenius . . . . . Weston, Mass.	East Med.	1907
*Van Stone, Leonard Mathews . . . . . 227 Aspinwall Ave., Brookline, Mass.	West Med.	1917
Vaughn, Charles Everett . . . . . Died 1904.	Med.	1862
*Vickery, Eugene Augustus . . . . . P. A. S., Lieutenant, United States Navy.	West Surg.	1904
Vickery, Herman Frank . . . . . 26 Chestnut St., Brookline, Mass.	West Med.	1882
*Vincent, Beth . . . . . 295 Beacon St., Boston.	West Surg.	1903
*Vose, Robert Henry . . . . . 443 Beacon St., Boston.	East Surg.	1897
Wadsworth, Oliver Fairfield . . . . . Died 1911.	Med.	1863
Wadsworth, Richard Goodwin . . . . . 522 Commonwealth Ave., Boston.	South Surg.	1901
Wakefield, Alley Talbot . . . . . Died 1886.	West Surg.	1883
*Walcott, William Walter . . . . . 32 West Central St., Natick, Mass.	South Surg.	1906

*Walker, Melvin Harvey, Jr.	East Surg.	1914
Agricultural Bank Bldg., Pittsfield, Mass.		
Warren, Charles Fletcher	West Surg.	1915
49 Gloucester St., Boston.		
Warren, Hobart Endicott	East Surg.	1894
Main St. Ashburnham, Mass.		
Warren, John Collins	Surg.	1865
58 Beacon St., Boston.		
*Washburn, Frederic Augustus	South Surg.	1897
Massachusetts General Hospital.		
Waterman, George Arthur	West Med.	1901
The Charlesgate, Beacon St., Boston.		
Waterman, Thomas	Surg.	1867
Died 1901.		
Watson, Francis Sedgewick	East Surg.	1879
92 Marlboro St., Boston.		
Webster, Fred Patterson	West Med.	1902
12 Pine St., Portland, Maine.		
*Webster, Harrison Briggs	East Surg.	1910
Died 1918.		
Weis, Joseph Deutsch	West Med.	1899
1448 Jackson Ave., New Orleans, La.		
Wells, Charles Edward	Orthop.	1910
Massachusetts General Hospital.		
West, George Webb	West Surg.	1879
Died 1897.		
Wetherell, Bryant Davis	East Surg.	1918
67 Fairfield St., Holyoke, Mass.		
Wheeler, Alfred Augustus	South Surg.	1894
48 Mt. Pleasant St., Leominster, Mass.		
Wheeler, John Brooks	East Surg.	1879
210 Pearl St., Burlington, Vt.		
Wheeler, Leonard	Med.	1869
12 Chestnut St., Worcester, Mass.		
Whipple, Jeremiah	Med.	1865
Died 1871.		
White, Franklin Warren	East Med.	1896
322 Marlboro St., Boston.		
White, James Clark	Med.	1855
Died 1916.		
White, John Lane	Med.	1854
Died 1902.		
*White, Paul Dudley	Child. Med.	1911
151 Humboldt Ave., Roxbury, Mass.		

*White, Paul Dudley 151 Humboldt Ave., Roxbury, Mass.	West Med.	1913
*Whiteside, George Shattuck Journal Bldg., Portland, Ore.	West Surg.	1898
*Whitney, James Lyman 240 Stockton St., San Francisco, Cal.	West Med.	1906
Whitney, William Fiske 228 Marlboro St., Boston.	West Med.	1875
Whittemore, James Madison Died 1863.	Apothecary	1822
Whittemore, William Stewart 39 Brattle St., Cambridge, Mass.	South Surg.	1910
Whittemore, Wyman 330 Dartmouth St., Boston.	West Surg.	1906
Whittier, Edward Newton Died 1902.	Med.	1868
Willard, Josiah Newell Died 1870.	Med.	1859
Willard, Robert Died 1892.	Med.	1862
*Williams, Hugh 301 Beacon St., Boston.	West Surg.	1899
*Wilson, John Cree 810 Brockman Bldg., 7th and Grand Ave., Los Angeles, Cal.	Orthop.	1917
*Wilson, Philip Duncan 594 E. Town St., Columbus, Ohio.	East Surg.	1914
Winn, William Adams Died 1889.	East Surg.	1876
Winslow, Fred Bradlee 275 Clarendon St., Boston.	South Surg.	1901
Witherle, Charles Bryant 21 Deering St., Portland, Maine.	West Surg.	1881
Wood, Edward Stickney Died 1905.	Surg.	1870
*Wood, James Augustus Yankton, S. Dakota.	Child. Med.	1915
Wood, William Almon 201 Alta Vista Bldg., Berkeley, Cal.	Child. Med.	1916
Woodbury, Frederick Clinton Died 1886.	East Med.	1886
Woodbury, Willard Porter Died 1910.	East Surg.	1908
Workman, William Hunter Worcester, Mass.	Med.	1871

*Wright, Wade Stanley 98 Pinckney St., Boston.	West Med.	1916
Wyman, Morrill Died 1903.	Med.	1836
Yost, Jonathan Dixon 417 Montgomery St., San Francisco, Cal.	East Surg.	1898
Young, Edward Lorraine, Jr. 99 Commonwealth Ave., Boston.	West Surg.	1910
*Young, Ernest Boyen 434 Marlboro St., Boston.	West Surg.	1897
Young, James Herbert 19 Baldwin St., Newton, Mass.	West Med.	1908

LIST OF HOUSE PHYSICIANS AND SURGEONS

Morse, George W.	East Surg.	1911–1912
Cutler, George David	West Surg.	1912–1913
Leland, George Adams, Jr.	East Surg.	1912–1915
Crabtree, Harvard Hersey	West Surg.	1913–1914
Palmer, Walter Walker	East Med.	1913–1915
Crabtree, Ernest Granville	Genito-Urinary	1913–1915
Coller, Frederick Amasa	West Surg.	1914–1915
White, Paul Dudley	West Med.	1914–1917
Harrison, Paul Wilberforce	Genito-Urinary	1915
Cutler, Elliott Carr	West Surg.	1915–1916
Morton, John Jamieson	East Surg.	1915–1916
Rogers, Orville Forrest, Jr.	East Med.	1915–1916
Aub, Joseph Charles	East Med.	1916–1917
Merrill, Adelbert Samuel	X-Ray	1915–1916
Hatch, Floyd Frost	East Surg.	1916–1917
Hodgson, John Sprague	West Surg.	1916
Horrax, Gilbert	West Surg.	1916–1917
Crabtree, Harvard Hersey	Genito-Urinary	1916
Moore, Sherwood	X-Ray	1916–1917
Packard, George Byron, Jr.	East Surg.	1917
Sowles, Horace Kennedy	West Surg.	1917
Perkins, William Albert	East Surg.	1917–1918
McCarty, E. Denton	X-Ray	1917–1918
Hutchinson, Charles William	West Surg.	1918
Osgood, Herman A.	X-Ray	1918–

OFFICERS OF THE INSTITUTION, 1919

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HENRY P. WALCOTT, M.D.

Vice-President.

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Secretary.

JOHN A. BLANCHARD, 262 Washington Street.

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1898 MOSES WILLIAMS, 126 State Street.
1902 CHARLES H. W. FOSTER, 50 State Street.
1903 CHARLES P. GREENOUGH, 262 Washington Street.
1910 NATHANIEL T. KIDDER, 15 State Street.
1910 JOHN LOWELL, 38 Equitable Building, 67 Milk Street.
1912 *JOSEPH H. O'NEIL, Federal Trust Company, 85 Devonshire Street.
1915 *PHILIP L. SALTONSTALL, 53 State Street.
1916 *MRS. NATHANIEL THAYER, 22 Fairfield Street.
1918 *THOMAS B. GANNETT, 53 State Street.
1919 William Endicott, 115 Devonshire Street.
1919 George T. Tuttle, M.D., 535 Beacon Street.

Assistant Treasurer.

CHARLES BREWER.

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~~EDWARD COWLES, M.D.~~
JOHN COLLINS WARREN, M.D.
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GEORGE L. WALTON, M.D.
ELBRIDGE G. CUTLER, M.D.
WILLIAM W. GANNETT, M.D.
JAMES J. MINOT, M.D.
FREDERICK C. SHATTUCK, M.D.
JOHN T. BOWEN, M.D.
WILLIAM M. CONANT, M.D.
SAMUEL J. MIXTER, M.D.
HERMAN F. VICKERY, M.D.

*Appointed by the Governor of the Commonwealth.

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MESSRS. WILLIAMS, O'NEIL, and ENDICOTT.

Nominations

MESSRS. WIGGLESWORTH, WILLIAMS, and ENDICOTT.

Legal Affairs

MESSRS. GREENOUGH, WILLIAMS, and LOWELL.

Training School for Nurses

MRS. THAYER and MESSRS. SALTONSTALL and GANNETT.

Book of Donations

MR. WIGGLESWORTH.

Ether Day

MESSRS. WIGGLESWORTH, KIDDER, and ENDICOTT.

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General Hospital

MESSRS. FOSTER, SALTONSTALL, and LOWELL.

McLean Hospital

MESSRS. GREENOUGH, KIDDER, and TUTTLE.

Convalescent Hospital

MESSRS. O'NEIL, SALTONSTALL, and TUTTLE.

Out-Patient Department

MESSRS. GANNETT and O'NEIL and MRS. THAYER.

Phillips House

MESSRS. LOWELL, KIDDER, and FOSTER.

VISITING COMMITTEES

1919

March and September.

MESSRS. WILLIAMS and LOWELL.

April and October.

Messrs. Kidder and Saltonstall.

May and November.

Mr. O'Neil and Mrs. Thayer.

June and December.

Messrs. Wigglesworth and Gannett.

July.

Messrs. Foster and Tuttle.

August.

Messrs. Greenough and Endicott.

1920

January.

Messrs. Foster and Tuttle.

February.

Messrs. Greenough and Endicott.

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Mrs. Nathaniel Thayer, *Honorary Chairman*, 22 Fairfield Street.
Miss J. L. Motley, *Chairman*, Chestnut Hill.
Mrs. A. Lawrence Hopkins, *Vice-Chairman*, 46 Commonwealth Ave.
Mrs. Henry H. Sprague, *Secretary*, 33 Fairfield Street.
Mrs. John Lowell, *Treasurer*, 24 Commonwealth Avenue.
Mrs. John S. Ames, 3 Commonwealth Avenue.
Mrs. Harcourt Amory, 293 Beacon Street.
Mrs. Francis H. Appleton, Jr., 451 Marlboro Street.
Mrs. Jeffrey R. Brackett, 220 Marlboro Street.
Mrs. Charles A. Coolidge, 82 Marlboro Street.
Mrs. Harold J. Coolidge, 303 Berkeley Street.
Mrs. Lincoln Davis, 217 Beacon Street.
Mrs. Richard W. Hale, Needham, Mass.
Mrs. Arthur D. Hill, 8 West Hill Place.
Mrs. Roger I. Lee, 5 Brimmer Street.
Mrs. William Jason Mixter, 416 Marlboro Street.
Mrs. Robert S. Russell, 20 Commonwealth Avenue.
Miss Grace Stackpole, 395 Beacon Street.
Mrs. C. S. Tuckerman, 201 Bay State Road.
Miss A. N. Ward, 304 Marlboro Street.

General.

MRS. WILLIAM T. COUNCILMAN, 78 Bay State Road.
MRS. GEORGE P. DENNY, 285 Marlboro Street.
MRS. JOHN C. GRAY, 176 Beacon Street.
MRS. CHARLES P. GREENOUGH, 45 Carlton Street, Longwood.
MRS. WILLIAM LAWRENCE, 122 Commonwealth Avenue.
MRS. JOHN H. MORISON, 44 Brimmer Street.

OFFICERS OF THE GENERAL HOSPITAL

Resident Physician.

FREDERIC A. WASHBURN, M.D.

Assistant Resident Physicians.

HAROLD W. HERSEY, M.D.
CHARLES E. WELLS, M.D.
EDWIN N. CLEAVES, M.D.
Nat. W. Faxon 21 May '19

Eugene Walker 31 Oct. '19

Executive Assistants.

EDNA H. HARRISON, R. N. FRANCES P. WEST, R. N.

Administrator.

PARKER H. KEMBLE.

MEDICAL DEPARTMENT

Chief of East Medical Service.

DAVID L. EDSALL, M.D.

Chief of West Medical Service.

RICHARD C. CABOT, M.D.

Chief of Children's Medical Service.

FRITZ B. TALBOT, M.D.

Chief of Syphilis Department.

C. MORTON SMITH, M.D.

Chief of Sub-Department of Tropical Medicine.

RICHARD P. STRONG, M.D.

Visiting Physicians.

WILLIAM H. SMITH, M.D. FREDERICK T. LORD, M.D.
ROGER I. LEE, M.D.

Visiting Physician to the Children's Medical Department.

RICHARD M. SMITH, M.D.

Associates in Medicine.

JAMES H. MEANS, M.D. GEORGE R. MINOT, M.D.

Assistant Visiting Physicians.

HENRY F. HEWES, M.D. JOHN B. HAWES, 2d, M.D.
GEORGE S. C. BADGER, M.D. GEORGE C. SHATTUCK, M.D.

Physicians to Out-Patients.

~~LOUIS C. MEAD, M.D.~~ HARRY LINENTHAL, M.D.
THEODORE J. EASTMAN, M.D. GERALD BLAKE, M.D.
LESLEY H. SPOONER, M.D. WILLIAM B. ROBBINS, M.D.

Physicians to the Children's Medical Out-Patient Department.

J. HERBERT YOUNG, M.D. WILLIAM R. P. EMERSON, M.D.
RICHARD S. EUSTIS, M.D. ARTHUR A. HOWARD, M.D.
WARREN R. SISSON, M.D.

Assistant Physicians to Out-Patients.

A. EVERETT AUSTIN, M.D. ~~DONALD MACOMBER~~, M.D.
GERARDO M. BALBONI, M.D. LOUIS MENDELSOHN, M.D.
P. CHALLIS BARTLETT, M.D. HYMAN MORRISON, M.D.
F. GORHAM BRIGHAM, M.D. ~~CLARENCE E. ORDWAY~~, M.D.
ROGER P. DAWSON, M.D. BENJAMIN H. RAGLE, M.D.
HENRY S. FORBES, M.D. WILLIAM D. REID, M.D.
GEORGE S. HILL, M.D. MALCOLM SEYMOUR, M.D.
†SOLOMON H. RUBIN, M.D.

Assistant Physicians to the Children's Medical Out-Patient Department.

OLIVER E. BIXBY, M.D. MICHELE NIGRO, M.D.
GEORGE JACKSON HILL, M.D.

†Temporary appointment.

Chief of Sub-Department of Tropical Medicine.

RICHARD P. STRONG, M.D.

Visiting Physicians.

WILLIAM H. SMITH, M.D. FREDERICK T. LORD, M.D.
ROGER I. LEE, M.D.

Visiting Physician to the Children's Medical Department.

RICHARD M. SMITH, M.D.

Associates in Medicine.

JAMES H. MEANS, M.D. GEORGE R. MINOT, M.D.

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GEORGE S. C. BADGER, M.D. GEORGE C. SHATTUCK, M.D.

Physicians to Out-Patients.

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THEODORE J. EASTMAN, M.D. GERALD BLAKE, M.D.
LESLEY H. SPOONER, M.D. WILLIAM B. ROBBINS, M.D.

Physicians to the Children's Medical Out-Patient Department.

J. HERBERT YOUNG, M.D. WILLIAM R. P. EMERSON, M.D.
RICHARD S. EUSTIS, M.D. ARTHUR A. HOWARD, M.D.
WARREN R. SISSON, M.D.

Assistant Physicians to Out-Patients.

A. EVERETT AUSTIN, M.D. ~~DONALD MACOMBER~~, M.D.
GERARDO M. BALBONI, M.D. LOUIS MENDELSOHN, M.D.
P. CHALLIS BARTLETT, M.D. HYMAN MORRISON, M.D.
F. GORHAM BRIGHAM, M.D. ~~CLARENCE E. ORDWAY~~, M.D.
ROGER P. DAWSON, M.D. BENJAMIN H. RAGLE, M.D.
HENRY S. FORBES, M.D. WILLIAM D. REID, M.D.
GEORGE S. HILL, M.D. MALCOLM SEYMOUR, M.D.
†SOLOMON H. RUBIN, M.D.

Assistant Physicians to the Children's Medical Out-Patient Department.

OLIVER E. BIXBY, M.D. MICHELE NIGRO, M.D.
GEORGE JACKSON HILL, M.D.

†Temporary appointment.

Assistant Physicians to the Syphilis Out-Patient Department.

GEORGE A. DIX, M.D. HENRY D. LLOYD, M.D.
WILLIAM D. SMITH, M.D.

Medical Assistant in Industrial Diseases.

WADE S. WRIGHT, M.D.

Assistants.

A. WATSON SELLARDS, M.D. EDWARD S. O'KEEFE, M.D.
FRANCIS M. RACKEMANN, M.D. BRYANT D. WETHERELL, M.D.
AUSTIN W. CHEEVER, M.D. †ARTHUR P. CHARBOURNE, M.D.
Albert E. Parkhurst 17 Oct
Robt h. Lye 31, Oct. '19

House Physicians.

E. h.
R. Fitz
8. Aug. 19

W. h.
P. D. White
19 Sept '19.

SURGICAL DEPARTMENT

Chief of East Surgical Service.

CHARLES L. SCUDDER, M.D.

Chief of West Surgical Service.

CHARLES A. PORTER, M.D.

Chief of Orthopedic Service.

~~ELLIOTT C. BRACKETT~~, M.D. resigned 19 Sept '19
Elected 17 Oct '19

Chief of Genito-Urinary Service.

~~HUGH CABOT~~, M.D. resigned ?

Chief of Department of Anæsthesia.

FREEMAN ALLEN, M.D.

Visiting Surgeons.

FRANKLIN G. BALCH, M.D. ROBERT B. GREENOUGH, M.D.
GEORGE W. W. BREWSTER, M.D. DANIEL F. JONES, M.D.
Hugh Williams Lincoln Davis
27 June '19 27 June '19

†Temporary appointment.

Associate Surgeons.

~~Hugh Williams~~, M.D. ~~Lincoln Davis,~~ M.D.

Assistant Visiting Surgeons.

Channing C. Simmons, M.D. Beth Vincent, M.D.

E.P. Richardson W. Whitteme
W.J. Mixter 31. Oct '19

Visiting Orthopedic Surgeon.

~~Robert B. Osgood,~~ M.D.

Assistant Visiting Orthopedic Surgeons.

Z. B. Adams, M.D. C. Hermann Bucholz, M.D.
Mark H. Rogers, M.D. †Charles F. Painter, M.D.

Chiefs of Surgical Service Out Pts.
John H. Cunningham Richard H. Miller

Surgeons to Out-Patients.

~~Edward P. Richardson~~, M.D. ~~Richard H. Miller~~, M.D.
~~Wyman Whittemore~~, M.D. ~~W. Jason Mixter~~, M.D.
Arthur W. Allen

Geo. Leland Jr
James H. Gallison Ed. L. Young Jr Nov 17 '19

Orthopedic Surgeons to Out-Patients.

Harry C. Low, M.D. Louis A. O. Goddu, M.D.
Lloyd T. Brown, M.D. Marius N. Smith-Petersen, M.D.
Murray S. Danforth, M.D. Loring T. Swaim, M.D.
†Andrew P. Cornwall, M.D.

Philip D. Wilson 31 Oct '19

Genito-Urinary Surgeons to Out-Patients.

J. Dellinger Barney, M.D. Richard F. O'Neil, M.D.
George G. Smith, M.D. Edward L. Young, Jr., M.D.

Assistant Surgeons to Out-Patients.

~~Arthur W. Allen~~, M.D. George W. Morse, M.D.
~~George D. Cutler~~, M.D. resigned June 13 '19 André W. Reggio, M.D.
~~James M. Gallison~~, M.D. ~~Edward H. Risley~~, M.D. Hon. surg
Torr W. Harmer, M.D. †John W. Cummin, M.D. discontinu
~~George A. Leland~~, Jr., M.D. †William R. Coues, M.D. July 11 '19
~~John M. Little, Jr.~~, M.D. †Robert H. Vose, M.D.
Henry C. Marble, M.D. †George O. Clark, M.D.
Frank W. Marvin, M.D. ~~†Seabury W. Allen~~, M.D.
~~†Arthur N. Broughton~~, M.D. R H. Vose Aug 22 '19
Wm P. Coues Sept 5 '19

†Temporary appointment.

Hon. Asst. surg.
dis. Aug 8 '19

Assistant Genito-Urinary Surgeon to Out-Patients.

E. Granville Crabtree, M.D.

Assistants.

Lewis P. Felch, M.D. — Walter J. LaMarche, M.D.
Oscar R. T. L'Esperance, M.D. — Samuel C. Mintz, M.D.

Henry R. Viets Mar 12 '19

Emily Mac Leod (Miss) May 1[illegible] Resigned Sept

E.S. *House Surgeons.* W.S.

Thomas R. Goethals, M.D.

G Laurence Chaffin 25 July '19

House Surgeon to Genito-Urinary Department.

Russel H. Patterson, M.D.

DERMATOLOGICAL DEPARTMENT

Dermatologists.

Charles J. White, M.D. — Harvey P. Towle, M.D.

Associate Dermatologist.

Frederick S. Burns, M.D

Assistant Dermatologists.

E. Lawrence Oliver, M.D. — J. Harper Blaisdell, M.D.
John H. Bufford, M.D. — Loretta Joy Cummins, M.D.

C. Gray Lane 5 Sept '19

NEUROLOGICAL DEPARTMENT

Chief of Service.

Edward W. Taylor, M.D.

Neurologists.

Walter E. Paul, M.D. — James B. Ayer, M.D.

Assistant Neurologists.

GEORGE CLYMER, M.D. SIDNEY A. LORD, M.D.
CHARLES A. McDONALD, M.D.
S. Cobb 16 May 19
Harold B Eaton 13 June 19

Assistants.

FREDERIC B. M. CADY, M.D. EDWIN L. DROWNE, M.D.
~~HAROLD B. EATON,~~ M.D. HALE POWERS, M.D.
Henry R. Viets Jr. 17 Oct 19

Psychologist.

L. EUGENE EMERSON, Ph.D.

LARYNGOLOGICAL DEPARTMENT

Chief of Service.

ALGERNON COOLIDGE M.D.

Laryngologists.

HARRIS P. MOSHER, M.D. D. CROSBY GREENE, JR., M.D.
†J. PAYSON CLARK, M.D.

Assistant Laryngologists.

WILLIAM F. KNOWLES, M.D. ~~JOHN L. LOUGEE,~~ M.D. 5 Sept '19
HARRY A. BARNES, M.D. D. CAMPBELL SMYTH, M.D.
FREDERICK E. GARLAND, M.D. †CHANDLER ROBBINS, M.D.
†GEORGE L. TOBEY, JR., M.D.
Calvin B. Faunce Aug 22 '19

Assistants.

WILLIAM J. HARKINS, M.D. JOHN A. TURNBULL, M.D.
EDWARDS W. HERMAN, M.D. ISABELLE D. KERR, M.D.
JOSEPH L. GOODALE, M.D. CHARLES T. PORTER, M.D.
HAROLD G. TOBEY, M.D. WILLIAM I. WIGGIN, M.D.
~~CALVIN B. FAUNCE,~~ M.D.
John H. Blodgett Aug 22 '19
Fred G. Simmons " "

Dentist.

GEORGE H. WRIGHT, D.M.D.

†Temporary appointment.

Otologist.

D. Harold Walker, M.D.

Assistant Otologist.

Oliver A. Lothrop, M.D.

Ophthalmologist.

Alexander Quackenboss, M.D.

Assistant Ophthalmologists.

Robert G. Loring, M.D. George S. Derby, M.D.
Ralph A. Hatch, M.D.

Obstetrician.

Franklin S. Newell, M.D.

asst Obstetrician F. C. Irving

Consultant in Contagious Diseases.

Edwin H. Place, M.D.

PATHOLOGICAL DEPARTMENT

Pathologist.

J. Homer Wright, M.D.

Surgical Pathologist.

Harry F. Hartwell, M.D.

Assistant Pathologist.

Oscar Richardson, M.D.

Chemist.

Otto Folin, Ph.D.

Assistant Chemist.

Willey Denis, Ph.D.

Assistant in Clinical Bacteriology.

Albert E. Steele, M.D.

Roentgenologist.

GEORGE W. HOLMES, M.D. 1 Jan '11

Assistant Roentgenologist.

ADELBERT S. MERRILL, M.D. 28 April '16

Acting Assistant Roentgenologist.

JAMES F. BOYD, M.D.

House Physician to the X-Ray Department.

CHARLES L. MARTIN, M.D.

Dentist.

LEROY M. S. MINER, M.D., D.M.D.

Assistant Dentists.

JOSEPH A. RING, D.M.D. JOHN A. BREEN, D.M.D.

Out-Patient Dentists.

FRED R. BLUMENTHAL, D.M.D. WILLIAM W. ANTHONY, D.M.D.
EVERETT C. HAM, D.M.D.

East *Medical House Pupils.* West

RALPH C. SPENCE.
ROBERT N. NYE.
WILLIAM B. BREED.
CHESTER M. JONES.
HENRY JACKSON, JR.
MILTON V. VELDEE.
WILFRED SEFTON.
WILLARD C. RAPPLEYE.
CURTIS E. SMITH.
ALLEN P. WINSOR.
CHARLES S. BURWELL, JR.
SAMUEL AYRES, JR.

Surgical House Pupils.

FREDERICK S. HOPKINS.
EDMUND K. STEENBURG.
CHESTER C. SCHNEIDER.
WILLIAM M. SHEDDEN.
CHARLES A. WILLIAMS.
CHARLES M. SIMPSON.
MORRIS B. SANDERS.
JOHN ROCK.
LELAND S. MCKITTRICK.
WILLIAM T. S. THORNDIKE.
ROBERT C. CHENEY.
WILFRED D. VAN STONE.
JAMES GREENOUGH.
FRANCIS B. SARGENT.

House Pupils to Special Departments.

Orthopedic.

RAFE N. HATT.
GEORGE H. JACKSON, JR.

Children's Medical.

MARY WRIGHT.
BASIL B. JONES.

Superintendent of Nurses.

SARA E. PARSONS, R.N.

Acting Superintendent of Nurses.

HELEN WOOD, R.N.

Chief of Hospital Social Service.

IDA M. CANNON.

PHILLIPS HOUSE.

(Private Ward.)

Assistants to the Resident Physician.

PAULINE L. DOLLIVER, R.N.
LOUISE S. ZUTTER, R.N. RUBY M. SQUIER, R.N.
MARY E. O'BRIEN, R.N.

ADVISORY COMMITTEE

General Hospital Training School for Nurses

MRS. NATHANIEL THAYER, *Chairman.*
DR. FREDERIC A. WASHBURN, *Resident Physician.*
MISS SARA E. PARSONS, *Superintendent of Nurses.*
MISS HELEN WOOD, *Acting Superintendent of Nurses.*

DR. JAMES J. MINOT.
DR. WILLIAM H. SMITH.
DR. DANIEL F. JONES.
MRS. WILLIAM W. VAUGHAN.
MRS. HERBERT L. BURRELL.
MRS. ROBERT H. GARDINER.
MRS. HENRY F. BIGELOW.
MISS MARION H. FENNO.
MRS. THOMAS MOTLEY.
MRS. CHARLES E. MASON.
MRS. FREEMAN ALLEN.
MRS. HUGH CABOT.
MRS. G. TAPPAN FRANCIS.
MRS. ROGER I. LEE.
MRS. THOMAS MOTLEY, JR.
MRS. ROBERT SOUTTER.

MRS. GRACE W. MYERS, *Secretary.*

DALTON SCHOLARSHIPS

Two Scholarships with an income of Five Hundred Dollars each will be awarded not later than June 15, for the year beginning Sept. 15, 1919, to the candidates recommended by the General Executive Committee of the Massachusetts General Hospital and confirmed by the Trustees.

The holders of these Scholarships are required to do original work in subjects to be designated.

For particulars, apply to the Resident Physician,

MASSACHUSETTS GENERAL HOSPITAL,

Fruit Street, Boston.

See also page 65 of this Report

WARREN TRIENNIAL PRIZE

The Warren Triennial Prize was founded by the late Dr. J. Mason Warren in memory of his father, and his will provides that the accumulated interest of the fund shall be awarded every three years to the best dissertation, considered worthy of a premium, on some subject in Physiology, Surgery, or Pathological Anatomy, the arbitrators being the General Executive Committee of the Massachusetts General Hospital.

See page 66 of this Report

MASSACHUSETTS GENERAL HOSPITAL
BOSTON

One Hundred and Sixth Annual Report

OF THE

TRUSTEES

OF THE

Massachusetts General Hospital

Including the General Hospital in Boston,
the McLean Hospital and the
Convalescent Hospital
in Waverley

1919

SECTION A

CAMBRIDGE
THE UNIVERSITY PRESS

GENERAL HOSPITAL
BLOSSOM STREET
ALLEN STREET
CHARLES STREET
FRUIT STREET
N. GROVE ST.
SCALE OF FEET
0
100
200
300
SUPT. HOUSE
LAUNDRY
BULFINCH BUILDING
POWER HOUSE
ALLEN PATHOLOGICAL BUILDING
ALLEN ST. HOUSE
THAYER BUILDING
DOMESTIC BUILDING
OLD OUT PATIENT BUILDING
OPERATING BUILDING
BIGELOW WARD C
TOWNSEND WARD D
BRADLEE WARD E
GARDNER WARD F
WARREN WARD A
PHILLIPS HOUSE
PRIVATE WARD
THE MOSELEY MEMORIAL BUILDING
ADMINISTRATION BUILDING
TUNNEL
NURSES' HOME
WELD WARD
ORTHOPEDIC WARD
OUT PATIENTS BUILDING
MASS. CHARITABLE EYE AND EAR INFIRMARY

NOTICE.

The annual report of the Massachusetts General Hospital is now published in two sections. Section B contains the report of the Trustees, the signed report of the Administrator, the report of the Executive Committee, and the medical and surgical tables of the General Hospital.

One Hundred and Sixth Annual Report

OF THE

TRUSTEES

OF THE

Massachusetts General Hospital

Including the General Hospital in Boston,
the McLean Hospital and the
Convalescent Hospital
in Waverley

1919

SECTION A

CAMBRIDGE
THE UNIVERSITY PRESS

The legal title of the Corporation is

"The Massachusetts General Hospital."

All gifts and bequests, if without restriction, will be used as the Trustees deem most for the interest of the Corporation and its Beneficiaries.

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ONE HUNDRED AND SIXTH ANNUAL REPORT FOR THE YEAR 1919

In behalf of the Trustees the following report upon the Massachusetts General Hospital is submitted:

Even the most needed of charities must economize in these times of the reduced buying power of the dollar. We are making every effort to fit our expenditures to our income, without allowing the patients to suffer. This necessitates a most delicate adjustment; for who can define the meeting point of pure science and applied science?

In the study of many of the less understood diseases, the student in the laboratory carries his research beyond the necessities of alleviating the suffering of today's patient. He is seeking the cause of trouble, that it may easier be detected in tomorrow's patient, and eradicated before suffering or death result. The student of medicine is always thus working and learning, applying what he already knows, and seeking for the lesson offered by every new case; and in this sense a physician never ceases to be a student. We must not for a moment allow ourselves to suppose that we can afford (and we use the word advisedly) to curtail the work of the student or investigator. A hospital brings together examples of many diseases and afflictions which might never present themselves in the doctor's general practice; and here in the hospital every means should be available for diagnosis and prognosis.

Such investigation is carried on in many places in the world. The Massachusetts General Hospital has, for upward of a century, had great reputation for its

work at home and for the doctors it has sent forth. But opportunities must be continuously offered, every facility supplied, or the newer institutions, generously endowed, will outstrip us in the race to help mankind. For where opportunity offers, there must investigation be carried on.

THE McLEAN HOSPITAL

The care of the patients at the McLean Hospital has been maintained on the usual high standards, and that under most trying conditions. The great difficulty in getting nurses, either men or women, continued practically through the year; but is now slightly alleviated by an agreement which has been made with the Army School of Nursing, Medical Department, U. S. Army. The Department had contracted to furnish a three-year course of training for nurses. By the agreement a portion of this training will be furnished by the McLean Hospital, nurses coming in relays of ten for three months in our school. This will be continued until the contract on the part of the Department has been fulfilled. Though this will not be long, it is temporarily a great assistance to the Hospital.

The same rigid economy is being practiced in the McLean Hospital as at the General Hospital, and the curtailment of work hampers the usefulness of the Institution, though not as regards the patients under treatment. It is felt in the work of research.

At this Hospital we have patients under conditions nearly approaching home conditions; and opportunity for close study and observation over considerable periods, which, however, we must largely forego for want of means. Here, as well as at the General Hospital, study of conditions and publication of results are most important for the success and reputation of the work.

BASE HOSPITAL NO. 6

With pride we refer to the Hospital's part in the great war, though we feel that this reference must be brief. All available data are being recorded, and we hope that some day a full account may be printed.

In the Trustees' report for 1916 we read that—

> the nucleus of a base hospital has been established, organized under the Red Cross, and that it can only be called in case of war in which the United States is a party. That it cost the Hospital nothing, and that it would give the army an efficient five-hundred-bed base hospital when needed.

It was soon needed.

On July 9, 1917, as United States Army Base Hospital No. 6, the unit, consisting of two hundred and forty-seven persons, departed for service in the great war, under command of Major Frederic A. Washburn, Medical Reserve Corps, U. S. Army, our Resident Physician and Administrator. It was stationed at Talence, a suburb of Bordeaux. The unit was expanded to care for forty-three hundred patients at one time; and its record for the entire period of service was over twenty-six thousand patients.

Major Washburn, in April, 1918, went to England and later became Chief Surgeon of Base Section No. 3, A. E. F., with rank of Colonel. There were numerous other promotions among members of the unit, which came under other command.

Unfortunately we must record four deaths among the personnel of the unit:

Nurses: Mary Frances Emery, Lucy Nettie Fletcher.
Sergeant: Axel Johnson.
Private: Allan Berry.

After the return of the unit, a reception was given by the Hospital to all the doctors, nurses, and employees from this Hospital, many of whom had held positions

in other units. We can only note the fact that many of our alumni held important posts throughout the Medical Department of the Army and Navy.

Three letters may well be referred to here: The first from M. W. Ireland, Surgeon General, U. S. Army; the second from C. H. Connor, Col. Medical Corps, U. S. Army, Asst. Director General, Military Relief; and the third from W. C. Braisted, Surgeon General, U. S. Navy; the first two conveying thanks and appreciation for the assistance of Base Hospital No. 6 to the Army and to the American Red Cross overseas, and the third for the services rendered by the hospital during and after the war.

A considerable sum was raised by the Ladies' Visiting Committee from friends of the Base Hospital, for its use. After setting aside a portion of the unexpended balance of this fund for making out the records of the unit, the sum of five thousand dollars has been handed to the Treasurer of the Hospital, and is to be known as "The Memorial Fund to the Doctors and Nurses who died in the War of 1917 and 1918; the income to be used for the maintenance of free beds, but always preferably for needy graduate nurses of the Massachusetts General Hospital."

At the Trustees' Meeting of June 13 it was—

Voted: To accept with the thanks of the Trustees the offer of the Ladies' Visiting Committee of a tablet in memory of Miss Helen Homans, who died in France, November 5, 1918, after serving as a nurse in hospitals in France at different times from 1915 until her death.

That the tablet in memory of Miss Helen Homans be placed in the Treadwell Library under the portrait of Dr. Homans.

The tablet was dedicated, with appropriate exercises, on December 11.

PHILLIPS HOUSE

Phillips House, opened in 1917, is filling a long-felt want, and justifying the belief of the Trustees that

such a ward will prove a success, and be much used and appreciated by both patients and doctors.

CHILDREN'S DEPARTMENT

On July 11 it was voted that the Children's Medical Department be increased from seven to twenty beds, and that it have the use of the Zander Room at the General Hospital. Thus, temporarily, the need for more beds for this department is about to be met, but not permanently, as more space will ultimately be needed, and a special building, with more sun and air, is almost imperative.

ETHER DAY

The custom of Ether Day exercises was resumed this year. The address by Dr. Richard C. Cabot, entitled "The Achievements, Standards and Prospects of the Massachusetts General Hospital," was given on the seventy-third anniversary.

SOCIAL SERVICE

Social service work was established in the Out-Patient Department in 1905 by Dr. Richard C. Cabot. This has increased in importance ever since, and the Trustees recently —

Voted: That the Social Service Department be, from this time forward, considered as an integral part of the Hospital, both administratively and financially; and that the present Supervisory Committee be continued, and that due regard be given to its recommendations.

THE WARREN TRIENNIAL PRIZE

The Warren Triennial Prize was not awarded this year, as owing to the unsettled condition of the world so few essays were offered. These are usually offered from foreign countries as well as the United States, and in considerable numbers.

THE DALTON SCHOLARSHIPS

The Dalton Scholarships were awarded to Dr. Stanley Cobb for the year beginning June 1, and to Dr. George R. Minot for the year beginning September 15.

THE CONSULTATION CLINIC

The Consultation Clinic, first opened in 1915, closed during the war, has been reopened.

BOARD OF TRUSTEES

The number of changes in the Board of Trustees has been unusually large; and these may best be recorded by giving the votes of the Board in chronological order.

February 21 it was —

Voted: To accept with regret the resignation of Francis Henry Appleton as Trustee; and the Secretary is requested to convey to General Appleton the sincere regrets of the Board at his resignation, and their very sincere appreciation of his great interest and valued services to the Institution since his first election as Trustee in 1902.

On this same date Dr. Walcott resigned as a Trustee of the Hospital, and Mr. George Wigglesworth was unanimously elected permanent Chairman.

March 7 it was —

Voted: That the Trustees of the Massachusetts General Hospital hereby express their regret at the resignation of Dr. Henry P. Walcott as a Trustee, and desire to spread upon the records of the Board their appreciation of the devotion and conscientiousness of Dr. Walcott in his long and continuous service of twenty-seven years as Trustee of the Massachusetts General Hospital, during seventeen years of which he has so ably presided over the meetings of the Board.

They furthermore take pleasure in the realization that as President of the Corporation the Hospital will continue to enjoy the benefit of his continued interest in its affairs.

At the request of the Board, Dr. Walcott consented to having his portrait painted by Mr. Charles S.

Hopkinson; and this portrait hangs in the Moseley Administration Building.

Also on March 7, Mr. William Endicott was unanimously elected as a Trustee of the Institution. Mr. Endicott was first appointed a Trustee by the Governor of the Commonwealth in 1917. After serving for a short time he resigned to take up war work in England.

April 4, Dr. George T. Tuttle, until very recently Medical Superintendent of the McLean Hospital, was unanimously elected as a Trustee of the Massachusetts General Hospital.

August 21, Mr. Moses Williams died; and on September 5 the following resolutions were adopted:

The Trustees of the Massachusetts General Hospital desire to place upon record their appreciation of the long and faithful service of their late associate, Moses Williams. Elected a Trustee in 1898, he has ever been devoted to the interests of the Hospital, and has given his best thought to the development of its usefulness and to the maintenance of its great and deserved reputation. His long and successful career as a wise counsellor at law, his experience in the care of numerous trusts, and especially of those relating to real estate, his services as a director and officer of many corporations — railroads, telephones and banks — made him an invaluable member of the Financial Committee, of which he has been for some time the Chairman.

His uniform courtesy, his frankness in expressing an opinion, generally formed after long deliberation, and a naturally genial disposition, made him a delightful associate, and one whom we shall sadly miss.

November 14, Mr. John R. Macomber was unanimously elected as a Trustee of the Institution.

December 12, the Secretary announced that Mr. Sewell H. Fessenden had been appointed a Trustee of the Corporation by His Excellency the Governor of the Commonwealth.

Mr. Philip Leverett Saltonstall died on November 15, and on December 12 the following resolutions were adopted by the Board:

The loss which the Hospital has sustained in the death of Philip Leverett Saltonstall those only can realize who were

intimately associated with him. As Trustees of the Hospital we wish to record our feeling of respect and affection for him. He was intensely interested in all the affairs of the Hospital. He was wise, energetic, full of sympathy; and even when expressing his deepest convictions was so considerate of the opinions and feelings of others that it was a delight to work with him. We shall miss him more than we can tell. The memory of his unfailing courage and cheerfulness, even to the end, will always be an inspiration to us.

At the same meeting it was —

Voted: To accept with great regret the resignation of Mr. Charles P. Greenough as a Trustee of the Hospital, and the Secretary is hereby requested to convey to Mr. Greenough the sincere recognition of the Trustees of the great loss that the Hospital will suffer from his absence from the deliberations of the Board, and their appreciation of his most valued services during his seventeen years of membership with the Board of Trustees.

STAFF AND ADMINISTRATION CHANGES

The following changes should be noted:
At the meeting held February 21 it was —

Voted: That the Administrator, who shall not be the Resident Physician, shall be appointed by the Board of Trustees, and will not be responsible to the Resident Physician, but to the Board of Trustees, through its Committee on the General Hospital.

In accordance with the above vote, on March 7 it was —

Voted: That upon recommendation of the Committee on the General Hospital, Parker H. Kemble be and hereby is appointed Administrator of the General Hospital. . . .

At the meeting of March 21 it was —

Voted: To accept with very sincere regret the resignation of Dr. Joseph B. Howland as Acting Resident Physician and Acting Administrator, to take effect on May 1st, 1919. . . .

That the Secretary be requested to convey to Dr. Howland the very sincere regret of the Trustees at the severance of his connection with the Hospital, and their gratitude for his unflagging diligence and great ability in the execution of the duties of the offices held by him during his long service with the Hospital, and particularly during the last two years, when as Acting Administrator and Acting Resident Physician he has so ably assisted

the Trustees in maintaining the efficiency and the high standard of the Institution during that critical period. . . .

And this seems a fitting point in this report for the Trustees to put on record their gratitude to those of the Hospital force, doctors, nurses and employees alike, who for one reason or other could not go overseas, and who, uncomplaining, assumed longer hours and heavier duties. We appreciate that it was due to these, and to the numerous visiting doctors and surgeons who, having retired from active service in the Hospital, again gave their services during the war, that we were able to keep up the standards of the institution.

Dr. Frederic A. Washburn returned to the hospital and took up his duties as Resident Physician on April 1, after absence with leave from May 17, 1917, granted for war work.

On April 4 it was —

Voted: To appoint Dr. Frederic H. Packard Medical Superintendent of the McLean Hospital, from the retirement of Dr. Tuttle.

Dr. Packard has been a member of the McLean staff since 1902.

Also on April 4 Dr. George T. Tuttle was elected a Trustee, and it is a great satisfaction that his resignation as Medical Superintendent of the McLean Hospital, which was chronicled in the last report, does not mean that his services are to be lost to the Massachusetts General Hospital.

Miss Sara E. Parsons, Superintendent of Nurses, returned to duty in the Hospital October 1, after absence with leave since June 28, 1917, for war work.

For other changes in the staff we would refer to other reports in this volume, or to Bulletin 26, dated December 1, 1919, the issue of the Bulletin having been resumed.

NEEDS AND HOPES

A schedule of the pressing needs of the Massachusetts General Hospital, in all its departments, has been prepared by a special committee of the Trustees, and we hope that this will be carefully considered by all interested. A summary of these follows:

The erection and changes of certain buildings within the hospital grounds to provide for the care of more free and other patients; and the housing of the additional nurses required to look after such patients.

The improvement and enlargement of the laboratories.

The fireproofing of the Bulfinch Building.

Other changes in certain buildings of the hospital to render its work more efficient.

A hospital for patients of moderate means.

A nurses' home at the McLean Hospital.

C. H. W. Foster,
Nathaniel T. Kidder,
Committee.

DONATIONS AND BEQUESTS 1919

The Committee on the Book of Donations reports that the following donations and legacies have been received during the year:

PERMANENT FUNDS

Free Bed Fund

Bequest of Sarah E. Conery	$5,000.00	
In memory of Sarah Bell Conery.		
Bequest of James H. Fay	24,000.00	
To be added to the Frances Fay and Arthur Kelsey Fay Memorial Fund.		
Donation of Mrs. W. Scott Fitz	5,000.00	
For a Life Free Bed.		
Bequest of Miss Sarah R. Spaulding	1,300.30	
To be added to the Joel Spaulding Fund.		
Donation of Moorfield Storey	500.00	
Bequest of Miss Elizabeth Sharp Gregerson .	5,000.00	
In the name of James R. Gregerson.		
Donations of Sundry Donors	510.00	
To the Helen Homans Memorial Free Bed Fund.		
Bequest of Florence A. Cochran	5,000.00	
In memory of Samuel Q. Cochran.		
		$46,310.30

Income Unrestricted Fund

Donation of the New England Surgical Dressings Committee	$10,000.00	
To be called The Surgical Dressings Fund.		
Donation to establish the Henry Pickering Walcott Fund	10,000.00	
Donation of Alexander E. O. Munsell	1,000.00	
		$21,000.00

New Endowment Fund

Donation of Frank G. Webster	$5,000.00	
Donation of Mr. and Mrs. Thomas Motley . . .	555.00	
		$5,555.00

Dr. Walter J. Dodd Memorial Fund

Donation of Dr. Mark W. Richardson	$50.00	
Donation of Miss Anna Lea	10.00	
Carried forward	$60.00	$72,865.30

Brought forward	$60.00	$72,865.30
Donation of Wallace L. Pierce	100.00	
Donation of Mrs. John C. Gray	100.00	
Donation of Miss J. L. Motley	5.00	
Donation of Mrs. Irma Vonnegut	10.00	
Donation of Dr. Duncan McDougall	50.00	
Donation of Dr. A. C. Nason	70.00	
		$395.00

Arthur W. Blake Fund

Donation of Arthur W. Blake $24,697.02
Through Moorfield Storey, surviving Trustee, a fund to promote the study and care of nervous diseases.

John W. Elliot Fund

Donation of Dr. John W. Elliot $5,000.00
For investigation in the science of medicine, preferably in the surgical department.

The Memorial Fund to the Doctors and Nurses who died in the War of 1917–1918

Donation received through The Ladies' Visiting Committee $5,000.00
For the maintenance of Free Beds.

SPECIAL PURPOSE FUNDS

Ten Year Free Bed Fund

Donation of Miss Mary Weld	$1,000.00	
Donation of Walter Hunnewell	1,000.00	
		$2,000.00

Training School for Nurses' Endowment Fund

Donation of Mrs. Arthur E. Hudson	$10.00	
Donation of Mrs. Mabel Morse Hardy	100.00	
Donation of Miss Fanny Slayton	20.00	
Donation of Miss Hannah J. Brierley	15.00	
Donation of Miss Elspeth S. Campbell	10.00	
Donation of Miss Virginia C. Hall	46.00	
Donation of Miss Winifred H. Brooks	25.00	
Donation of Miss Eileen R. Curley	10.00	
Donation of Miss Annabella McCrea	20.00	
Donation of Miss Sara E. Parsons	200.00	
Donation of Miss Helen Wood	50.00	
Donation of Miss Alice Scott	10.00	
Donation of The Nurses' Aides of the Massachusetts General Hospital	80.00	
		$596.00
Carried forward		$110,553.32

GENERAL FUND

Brought forward		$110,553.32
Donation of W. B. P. Weeks	$25.00	
Donation of Mrs. F. G. Curtis	25.00	
Donation of Mrs. S. Parkman Blake	50.00	
Donation of Miss Marian L. Blake	10.00	
Donation of Mrs. Andrew J. Peters, Jr.	25.00	
Donation of Mrs. S. D. Warren, Jr.	10.00	
Bequest of Mrs. Anna S. C. Prince	1,400.00	
Bequest of Elizabeth W. Russell	1,133.50	
Donation of Mrs. Mary T. Crocker	5.00	
Donation of William Brewster	10.00	
Donation of Mrs. William H. McElwain	50.00	
Bequest of Charles R. Lawrence	4,431.04	
Donation of Mrs. Stephen S. FitzGerald	10.00	
Bequest of George von L. Meyer	2,500.00	
Donation of Mrs. Harcourt Amory	50.00	
Donation of Jennie Leitch	15.00	
Donation of Edward D. Rosenwald	15.00	
Donation of Humane Society of the Commonwealth of Massachusetts	500.00	
Donation of Mrs. Boylston Beal	50.00	
Donation of Charles P. Hobbs	5.00	
Donation of Charles Hodgdon	1.00	
Donation of Mrs. William Whitman, Jr.	50.00	
Bequest of Henry L. Pierce	4,000.00	
		$14,370.54

General Fund Income

Donation of Committee of the Permanent Charity Fund Incorporated	$3,750.00

Yearly Free Beds for 1919

Subscription of Mrs. Gordon Abbott	$100.00	
Subscription of Arthur Adams	100.00	
Subscription of Mr. and Mrs. Brooks Adams	100.00	
Subscription of Charles F. Adams	100.00	
Subscription of Andrew Adie	100.00	
Subscription of A Friend	100.00	
Subscription of A Friend	100.00	
Subscription of A Friend	100.00	
Subscription of George R. Agassiz	500.00	
Subscription of Mrs. George R. Agassiz	200.00	
Subscription of Mrs. Bryce J. Allan	100.00	
Subscription of Hobart Ames	100.00	
Subscription of Oliver Ames	100.00	
Subscription of Francis I. Amory	100.00	
Subscription of William Amory	100.00	
Subscription of Anonymous	100.00	
Subscription of Anonymous	100.00	
Subscription of Francis Henry Appleton	100.00	
Subscription of Samuel Appleton	100.00	
Subscription of Mr. and Mrs. Edward W. Atkinson	100.00	
Subscription of Charles L. Ayling	100.00	
Carried forward	$2,600.00	$128,673.86

Brought forward	$2,600.00	$128,673.86
Subscription of S. E. B.	100.00	
Subscription of Mrs. Francis E. Bacon	100.00	
Subscription of Mrs. F. R. Bangs	100.00	
Subscription of Mrs. N. S. Bartlett, Jr.	100.00	
Subscription of Mrs. John W. Bartol	100.00	
Subscription of Walter C. Baylies	100.00	
Subscription of Mrs. James H. Beal	100.00	
Subscription of Thomas P. Beal	100.00	
Subscription of C. Philip Beebe (In memory of Dr. Arthur Appleton Beebe)	100.00	
Subscription of Mrs. Henry Forbes Bigelow	100.00	
Subscription of Dr. William Sturgis Bigelow	100.00	
Subscription of George Nixon Black	100.00	
Subscription of Mrs. Arthur W. Blake	100.00	
Subscription of Mrs. Francis Blake (Francis Blake Free Bed)	100.00	
Subscription of Mr. and Mrs. J. A. Lowell Blake	100.00	
Subscription of John A. Blanchard	100.00	
Subscription of Mrs. Dwight Blaney	100.00	
Subscription of Boston Firemen's Relief Fund	200.00	
Subscription of Mrs. A. H. Bowditch	100.00	
Subscription of F. W. Bradlee	100.00	
Subscription of Miss Gertrude Bradlee	100.00	
Subscription of Mr. and Mrs. J. D. Cameron Bradley	100.00	
Subscription of Mrs. Edward D. Brandegee	100.00	
Subscription of Mrs. John L. Bremer	100.00	
Subscription of Miss Sarah F. Bremer	100.00	
Subscription of S. Parker Bremer	100.00	
Subscription of Miss Fannie R. Brewer (The John R. Brewer Free Bed)	100.00	
Subscription of Gorham Brooks	100.00	
Subscription of Miss Katherine E. Bullard	100.00	
Subscription of Mr. and Mrs. M. Burke	100.00	
Subscription of Mr. and Mrs. I. Tucker Burr	200.00	
Subscription of S. D. Bush	100.00	
Subscription of Mr. and Mrs. Samuel Carr	100.00	
Subscription of Miss Georgina S. Cary	100.00	
Subscription of Chandler & Co. Inc.	100.00	
Subscription of Horace D. Chapin	100.00	
Subscription of E. S. C.	100.00	
Subscription of Miss C. E. Chickering (In memory of Dr. Jesse and Caroline R. Chickering)	100.00	
Subscription of Alexander Cochrane	100.00	
Subscription of Mrs. Francis L. Coolidge (In memory of Mrs. Charles T. White)	100.00	
Subscription of Mrs. Harold J. Coolidge (An annual gift in memory of the late Amory A. Lawrence)	792.03	
Subscription of J. Randolph Coolidge	100.00	
Subscription of Mrs. J. Templeman Coolidge	100.00	
Subscription of T. Jefferson Coolidge	100.00	
Subscription of Mrs. T. J. Coolidge, Jr.	300.00	
Subscription of Charles E. Cotting	100.00	
Subscription of Estate of Ethel H. Crane (For the benefit of Parishioners of St. Paul's Church, Dedham)	100.00	
Carried forward	$8,392.03	$128,673.86

Brought forward	$8,392.03	$128,673.86
Subscription of Mr. and Mrs. Alvah Crocker (In memory of Alvah Crocker, Jr.)	100.00	
Subscription of Mrs. S. V. R. Crosby	100.00	
Subscription of Mr. and Mrs. Francis B. Crowninshield	100.00	
Subscription of Mrs. Charles A. Cummings (In memory of Mr. and Mrs. Moses Kimball)	100.00	
Subscription of Mrs. G. S. Curtis	100.00	
Subscription of Mrs. G. S. Curtis, Jr.	100.00	
Subscription of Horatio G. Curtis	100.00	
Subscription of Mrs. Horatio G. Curtis	100.00	
Subscription of Mr. and Mrs. Louis Curtis	100.00	
Subscription of Miss Alice L. Cushing	100.00	
Subscription of Frederick L. Dabney	100.00	
Subscription of George B. Dabney	100.00	
Subscription of Mrs. Charles H. Dalton	100.00	
Subscription of Miss Elizabeth L. Dalton	100.00	
Subscription of Miss Ellen B. Dalton	100.00	
Subscription of Henry R. Dalton	200.00	
Subscription of Dr. T. J. Daly	100.00	
Subscription of Mrs. Joseph E. Davis	100.00	
Subscription of Charles A. Dean	100.00	
Subscription of Franklin Dexter and Gordon Dexter, Jointly	100.00	
Subscription of Philip Dexter	100.00	
Subscription of Miss Rose L. Dexter	100.00	
Subscription of George A. Draper	100.00	
Subscription of Dr. and Mrs. John W. Elliot	100.00	
Subscription of Mrs. Ralph L. Emerson	100.00	
Subscription of Mrs. Raymond Emerson	100.00	
Subscription of Mrs. R. W. Emmons, 2d	100.00	
Subscription of William Endicott	100.00	
Subscription of William Farnsworth	100.00	
Subscription of Mrs. H. H. Fay	100.00	
Subscription of Henry H. Fay	100.00	
Subscription of Mr. and Mrs. S. Prescott Fay	100.00	
Subscription of William Rodman Fay	100.00	
Subscription of Estate of Lawrence Carteret Fenno	100.00	
Subscription of Miss Marion H. Fenno	100.00	
Subscription of J. Murray Forbes	100.00	
Subscription of Mrs. Waldo E. Forbes	100.00	
Subscription of C. H. W. Foster	100.00	
Subscription of Mrs. C. H. W. Foster	100.00	
Subscription of Mr. and Mrs. Thomas Brattle Gannett	100.00	
Subscription of Mr. and Mrs. William Tudor Gardiner	100.00	
Subscription of Mrs. Augustus Peabody Gardner (In memory of Major Augustus P. Gardner)	100.00	
Subscription of George P. Gardner	100.00	
Subscription of John L. Gardner	100.00	
Subscription of William A. Gardner	200.00	
Subscription of Mrs. Reginald Gray	100.00	
Subscription of Charles P. Greenough	100.00	
Subscription of Malcolm S. Greenough	100.00	
Subscription of Edwin A. Grozier	100.00	
Subscription of S. E. Guild	100.00	
Carried forward	$13,592.03	$128,673.86

Brought forward	$13,592.03	$128,673.86
Subscription of Mr. and Mrs. N. Penrose Hallowell	100.00	
Subscription of Mrs. G. G. Hammond	100.00	
Subscription of Augustus Hemenway	100.00	
Subscription of F. L. Higginson	100.00	
Subscription of F. L. Higginson, Jr.	100.00	
Subscription of Mrs. A. S. Hill	100.00	
Subscription of Mrs. John Fremont Hill	100.00	
Subscription of F. S. Hodges	100.00	
Subscription of Mrs. John Homans	100.00	
Subscription of James R. Hooper	100.00	
Subscription of Mr. and Mrs. Roger Fellowes Hooper	100.00	
Subscription of William Hooper	100.00	
Subscription of Mrs. A. Lawrence Hopkins	100.00	
Subscription of Henry Hornblower	100.00	
Subscription of Howes Bros. Co.	100.00	
Subscription of Henry S. Howe	100.00	
Subscription of Mrs. Arthur Hunnewell	100.00	
Subscription of Henry S. Hunnewell	100.00	
Subscription of Mrs. Henry S. Hunnewell	100.00	
Subscription of Mrs. Oscar Iasigi (In memory of Oscar Iasigi)	100.00	
Subscription of Mr. and Mrs. James Jackson	100.00	
Subscription of Arthur S. Johnson	100.00	
Subscription of Edward C. Johnson	100.00	
Subscription of Mrs. Wolcott H. Johnson	100.00	
Subscription of Mrs. Eben D. Jordan (In memory of Eben D. Jordan)	100.00	
Subscription of Jordan Marsh Co.	500.00	
Subscription of Charles A. Kidder	100.00	
Subscription of Nathaniel T. Kidder	100.00	
Subscription of David P. Kimball	100.00	
Subscription of L. C. Kimball	100.00	
Subscription of The Misses King (In memory of Mrs. D. Webster King)	100.00	
Subscription In memory of Mrs. L. E. Kinsman (From her four children)	100.00	
Subscription of Mrs. H. A. Lamb	100.00	
Subscription of Mrs. Gardiner M. Lane	100.00	
Subscription of Mrs. Amory A. Lawrence	100.00	
Subscription of John Lawrence and Francis Peabody, Jr. (Trustees under the will of Abbott Lawrence)	1,000.00	
Subscription of Mrs. Ella Lowell Lee	100.00	
Subscription of Elliot C. Lee	100.00	
Subscription of Mr. and Mrs. George C. Lee	100.00	
Subscription of Mrs. Lester Leland	100.00	
Subscription In memory of Mrs. Anna Cabot Lodge, from H. C. L. and E. J.	100.00	
Subscription of Augustus P. Loring	100.00	
Subscription of Mrs. Augustus P. Loring	100.00	
Subscription of William Caleb Loring	100.00	
Subscription of Miss Mary B. Lothrop	100.00	
Subscription of Mrs. Thornton K. Lothrop	100.00	
Subscription of Mrs. Charles T. Lovering	100.00	
Subscription of Mrs. Francis C. Lowell	100.00	
Subscription of Mr. and Mrs. John Lowell	100.00	
Carried forward	$19,792.03	$128,673.86

Brought forward	$19,792.03	$128,673.86
Subscription of Henry and Theodore Lyman	100.00	
Subscription of Mrs. G. S. Mandell	100.00	
Subscription of Mrs. Charles E. Mason (In memory of Mrs. John F. Andrew)	500.00	
Subscription of Miss E. F. Mason	100.00	
Subscription of Miss Fanny P. Mason	100.00	
Subscription of Miss Ida M. Mason	100.00	
Subscription of F. A. M.	100.00	
Subscription of Mrs. Grafton W. Minot (In memory of Major Augustus Peabody Gardner)	100.00	
Subscription of Laurence Minot	100.00	
Subscription of Mrs. Frank Morison	100.00	
Subscription of Mrs. John Holmes Morison	100.00	
Subscription of Mr. and Mrs. Charles A. Morss	100.00	
Subscription of Henry A. Morss	100.00	
Subscription of Mrs. E. Preble Motley	100.00	
Subscription of Mrs. Thomas Motley	100.00	
Subscription of Mr. and Mrs. Thomas Motley	100.00	
Subscription of Mrs. Roland C. Nickerson (In memory of Roland C. Nickerson)	100.00	
Subscription of Grenville H. Norcross	100.00	
Subscription of Mrs. Richard Olney (In memory of Richard Olney)	100.00	
Subscription of Frank C. Paine	100.00	
Subscription of John B. Paine	200.00	
Subscription of Miss Eleanor S. Parker	100.00	
Subscription of Mrs. Francis S. Parker	100.00	
Subscription of Mr. and Mrs. Henry Parkman	100.00	
Subscription of Francis Peabody	100.00	
Subscription of Mrs. Francis Peabody	100.00	
Subscription of George A. Peabody	100.00	
Subscription of Charles Lawrence Peirson	100.00	
Subscription of Dudley L. Pickman	100.00	
Subscription of Dudley L. Pickman, Jr.	100.00	
Subscription of S. S. Pierce Co.	100.00	
Subscription of Mrs. James H. Proctor	100.00	
Subscription of Mrs. George Putnam	100.00	
Subscription of Miss Ida B. Reed	100.00	
Subscription of Mrs. F. L. W. Richardson	100.00	
Subscription of Miss A. T. Rice	100.00	
Subscription of Charles E. Riley	100.00	
Subscription of Alfred L. Ripley	100.00	
Subscription of Miss Emma Rodman	100.00	
Subscription of Dudley P. Rogers	100.00	
Subscription of Mrs. A. Lawrence Rotch	100.00	
Subscription of Mr. and Mrs. Richard S. Russell	100.00	
Subscription of Mrs. Robert Shaw Russell	100.00	
Subscription of Philip L. Saltonstall	100.00	
Subscription of Mrs. Richard M. Saltonstall	100.00	
Subscription of Mr. and Mrs. Robert Saltonstall	100.00	
Subscription of Sabin P. Sanger	100.00	
Subscription of C. S. Sargent	100.00	
Subscription of Mrs. Francis W. Sargent	100.00	
Subscription of Miss Harriett G. Scott	100.00	
Subscription of F. R. Sears	100.00	
Subscription of Dr. Henry F. Sears	100.00	
Subscription of Herbert M. Sears	100.00	
Subscription of Mrs. J. Montgomery Sears	100.00	
Carried forward	$25,692.03	$128,673.86

Brought forward	$25,692.03	$128,673.86
Subscription of Mrs. Knyvet W. Sears	100.00	
Subscription of Mr. and Mrs. Philip S. Sears	100.00	
Subscription of Richard D. Sears	100.00	
Subscription of Richard and Francis P. Sears	100.00	
Subscription of Henry L. Shattuck	100.00	
Subscription of Mrs. G. H. Shaw	100.00	
Subscription of Henry S. Shaw	100.00	
Subscription of Robert Gould Shaw	100.00	
Subscription of Mrs. George S. Silsbee	100.00	
Subscription of C. R. Simpkins	100.00	
Subscription of William S. Spaulding	100.00	
Subscription of Sons of St. George	475.00	
Subscription of Mr. and Mrs. Robert H. Stevenson	100.00	
Subscription of Galen L. Stone	100.00	
Subscription of Mrs. Richard C. Storey	100.00	
Subscription of The Misses Sturgis	100.00	
Subscription of Mr. and Mrs. George H. Swift	100.00	
Subscription of Joseph S. Sylvester	100.00	
Subscription of Mrs. Bayard Thayer (In memory of Bayard Thayer)	100.00	
Subscription of Mrs. Nathaniel Thayer	100.00	
Subscription of J. L. Thorndike	100.00	
Subscription of Mrs. Charles Linzee Tilden (In memory of Daniel Denny)	100.00	
Subscription of Mrs. Bayard Tuckerman, Jr.	100.00	
Subscription of Unity Lend-a-Hand Society of Lexington	100.00	
Subscription of Victorian Memorial Association	400.00	
Subscription of Mr. and Mrs. William Bentley Walker	100.00	
Subscription of Miss Mary Lee Ware	100.00	
Subscription of Mr. and Mrs. Bayard Warren	100.00	
Subscription of George E. Warren	100.00	
Subscription of S. W. Webb	100.00	
Subscription of Mrs. C. Minot Weld (In memory of C. Minot Weld)	100.00	
Subscription of Stephen M. Weld	200.00	
Subscription of A. W. Wheelwright	100.00	
Subscription of George W. Wheelwright (In memory of Edmund March Wheelwright)	100.00	
Subscription of William Whitman	100.00	
Subscription of Frank Whitney	100.00	
Subscription of Mr. and Mrs. Geoffrey G. Whitney	100.00	
Subscription of George Wigglesworth	200.00	
Subscription of John D. Williams	100.00	
Subscription of Moses Williams	200.00	
Subscription of Mrs. Frederick Winsor	100.00	
Subscription of Mrs. Robert C. Winthrop	100.00	
Subscription of Mrs. Thomas Lindall Winthrop	100.00	
Subscription of William M. Wood	100.00	
Subscription of Henry D. Woods	100.00	
Subscription of William Hill Young	100.00	
Subscription of Mrs. William Hill Young	100.00	$31,367.03
Carried forward		$160,040.89

Brought forward			$160,040.89

SUNDRY DONATIONS FOR SPECIAL PURPOSES

Donation of George Wigglesworth . . . Toward the expenses of the Librarian to a convention.		$40.00	
Donation of George Wigglesworth . . . Toward the salary of an assistant in the Genito-Urinary Department.		500.00	
Donation of Mrs. A. Lawrence Hopkins .	$555.38		
Donation of The Ladies' Visiting Committee	500.00		
Toward the salary of a Social Worker in the wards.			
		1,055.38	
Donation of Dr. Richard C. Cabot . . . Toward the expenses of a House Social Worker to a convention.		75.00	
Donation of George Wigglesworth . . .	$650.00		
Donation of Mr. and Mrs. Thomas B. Gannett	650.00		
For the purchase of radium at the General Hospital.			
		1,300.00	
Donation of Mrs. Percival H. Lombard . From "Rosamond, George, and Peter" for wheel chairs.		300.00	
Donation of Miss Mary Weld . . . . . For surgical instruments.		872.30	
Donation of A Friend		50.00	
For the Babies' Milk Fund.			
Donation of Philip Cabot		600.00	
Toward the salary of a technician in the Medical Research Laboratory.			
Donation of Mrs. Charles E. Mason . . For Special Research work in X-Ray Department.		100.00	
Donation of Harvard Infantile Paralysis Commission		900.00	
Toward the salary of a worker in the Infantile Paralysis Department.			
Donation of J. P. Morgan	$500.00		
Donation of F. W. Hallowell	100.00		
Donation of Robert L. Studley	50.00		
Donation of Allan C. Emery	50.00		
For the Infantile Paralysis Research Fund.			
		700.00	
Donation of Committee of Permanent Charity Fund		2,000.00	
For the Social Service Department in the wards.			
Donation of A Friend		1,420.79	
Toward the salary and expenses of a Visiting Nurse in the Dermatological Department.			
Carried forward		$9,913.47	$160,040.89

Donations and Bequests

Brought forward	$9,913.47	$160,040.89
Bequest of Miss Sarah C. M. Lovering .	1,500.00	
To promote the comfort and happiness of the patients at McLean Hospital.		
Donation of Miss Margaret Perry . .	430.00	
For furnishings in the Children's Ward.		
Donation of the Estate of Photius Fisk	600.00	
Through New England Trust Co. to aid and assist poor and needy colored people.		
		$12,443.47
Total Donations for 1919		$172,484.36

REPORT OF THE TREASURER

In accordance with the Fifth Article of the By-Laws, the Annual Report of the accounts of The Massachusetts General Hospital for the fiscal year 1919 is respectfully submitted. The Income and Expense affairs of the Institution upon a total expense of $1,452,576.94 show a deficit of $25,057.64. This is in contrast with a deficit of $49,807.69 in 1918; of $135,249.39 in 1917; of $168,430.41 in 1916. This $25,057.64 is charged to the General Fund, but inasmuch as there are sundry donations to the credit of the General Fund the net reduction of this Fund for the year 1919 is $7,961.62. During the year the administration of the hospital has been divided into two departments, the Professional and the Administrative.

CONDENSED STATEMENT

		Dr.	Cr.
1. Land and Buildings:			
General Hospital	$3,365,810.61		
McLean Hospital	2,016,256.50		
Convalescent Hospital .	50,000.00		
		$5,432,067.11	
2. Land and Buildings Total cost of Plant: (See note)			$5,432,067.11
3. Permanent Funds: The funds are invested as one fund and the income pro-rated annually. The income only can be used and for the purposes named in the instrument of gift.			
Income for Free Beds . .	$2,265,880.36		
Income for any purpose except building . . .	455,113.34		
Income unrestricted . .	309,039.64		
Carried forward. . .	$3,030,033.34	$5,432,067.11	$5,432,067.11

Brought forward . .	$3,030,033.34	$5,432,067.11	$5,432,067.11
Income for specified purposes	327,901.95		
Income for McLean Hospital	565,223.34		
Income for Convalescent Hospital	151,811.13		
(See pages 31–52)	$4,074,969.76		
Loss and Gain Gain	29,357.48		
			$4,104,327.24
4. Investments and Cash covering these Funds: (See pages 27–28)		4,104,327.24	
5. Special Purpose Funds: The funds are invested as one fund and the Income pro-rated annually. Both Principal and Income can be used but only for the purpose named in the instrument of gift . . .	88,557.67		
(See pages 53–56)			
Loss and Gain Gain	4,484.54		
			$93,042.21
6. Investments and Cash covering these Funds: (See page 28)		93,042.21	
7. General Fund: The Principal and Income can be used for any Hospital purpose . .	201,709.66		
(See pages 57–75)			
Loss and Gain Gain	1,945.63		
			$203,655.29
8. Investments and Cash covering this Fund: (See pages 28–29)		203,655.29	
		$9,833,091.85	$9,833,091.85

NOTE. — This item, $5,432,067.11, is the amount at cost which the Massachusetts General Hospital has spent on the McLean, General Hospital, and Convalescent Hospital land and buildings.

At the McLean Hospital there are 239.45 acres of Hospital property and 325.31 acres of so-called farm land. The Convalescent Hospital is situated on the McLean Hospital grounds.

The General Hospital occupies the area bounded by Charles, Allen, Blossom, and Fruit Street in Boston (with the exception of the property of the Massachusetts Charitable Eye and Ear Infirmary), also the land corner North Grove and Fruit Street, on which stands the Nurses' Home, also No. 90 and 92 Charles Street, used as a Nurses' Home. and certain parcels on North Grove Street, Parkman Street and in the rear, formerly known as Cypress Street.

PERMANENT FUNDS INVESTMENTS

Policies:		
	Massachusetts Hospital Life Insurance Company . .	$160,000.00
Bonds:		
$1,200	U. S. A. Second Liberty Loan, 4¼%, 1942 . .	1,104.00
10,000	U. S. A. Third Liberty Loan, 4¼%, 1928 . .	9,475.00
5,000	U. S. A. Fourth Liberty Loan, 4¼%, 1938 . .	4,600.00
5,000	Southern Pacific Co. 5's, 1934	5,225.00
1,000	Colorado Industrial Co. 5's, 1934	740.00
1,000	United States Steel Corporation 5's, 1963 . .	975.00
3,000	Virginia Carolina Chemical Co. 5's, 1923 . .	2,808.75
5,000	American Telephone & Telegraph Co.'s 5's, 1946	4,025.00
Stocks:		
500	Shares Massachusetts Hospital Life Insurance Co.	55,000.00
13	Shares Chicago Junction Railway & Union Stock Yards Co. (Preferred)	1,105.00
226	Shares Pennsylvania Railroad Co.	9,153.00
53	Shares Chicago & Northwestern Railway Co. (Com.)	4,584.50
2	Shares Appleton Company	720.00
250	Shares Ballard Vale Mills Co. (Preferred) . .	25.000.00
5	Shares Ludlow Manufacturing Associates . . .	740.00
65	Shares Pacific Mills	11,342.50
190	Shares Pepperell Manufacturing Co.	39,045.00
31	Shares Sullivan Machinery Co.	4,960.00
3	Shares Gillette Safety Razor Co.	555.00
141	Shares Merchants' National Bank	41,172.00
28	Shares Old Boston National Bank	0.00
23	Shares Boston Ground Rent Trust	1,840.00
16	Shares Boston Real Estate Trust	11,200.00
17	Shares Boston Storage Warehouse Co.	1,581.00
86	Shares Boston Wharf Co.	7,310.00
12	Shares Boylston Market Association	10,800.00
21	Shares Central Wharf and Wet Dock Corporation	2,835.00
25	Shares Hotel Trust (Touraine)	2,250.00
2	Shares Trimountain Trust	150.00
11	Shares Western Real Estate Trustees	1,265.00
20	Shares Empire Building	1,000.00
20	Shares Mackay Co.'s (Preferred)	1,280.00
14	Shares American Telephone & Telegraph Co. . .	1,344.00
	Due from Lee, Higginson & Co.	495.47
Real Estate:		
	No. 1 Faneuil Hall Square	60,000.00
	No. 45–55 Union Street	146,500.00
	No. 273–5 Washington Street	258,000.00
	No. 474–80 Washington Street	633,000.00
	No. 496–500 Washington Street	595,000.00
	No. 565–7 Washington Street (½ interest)	104,000.00
	No. 10–10½ Common Street	22,800.00
	No. 837–47 Washington Street	91,000.00
	No. 837–47 Washington Street, Rear	77,400.00
	No. 851–9 Washington Street	103,000.00
	No. 11 and 15–23 Warrenton Street	46,400.00
	Carried forward	$2,562,780.22

Brought forward	$2,562,780.22
No. 70–74 Tremont Street	400,000.00
No. 235–7 Congress Street	68,400.00
No. 163–7 Oliver Street, and 451–463 Atlantic Ave.	168,700.00
No. 307–11 Atlantic Avenue	138,500.00
Province House Estate	1,018,100.00
No. 15–23 Harvard Place	147,000.00
No. 217–19 Boylston Street, Jamaica Plain	7,900.00
Estate John E. Atkins (3/16th's interest)	55,237.50
Cash	12,709.52
	$4,579,327.24
Less Mortgages	475,000.00
	$4,104,327.24

SPECIAL PURPOSE FUNDS INVESTMENTS

Bonds:	
$1,000 U. S. A. Second Liberty Loan, 4¼%, 1942	$920.00
5,000 U. S. A. Fourth Liberty Loan, 4¼%, 1938	4,600.00
2,000 City of Boston Rapid Transit 4's, 1959	1,810.00
Stocks:	
100 Shares Atchison, Topeka & Santa Fe Ry. Co. (Com.)	8,375.00
53 Shares Chicago Junction Railway & Union Stock Yards Co. (Preferred)	4,505.00
50 Shares Chicago, Milwaukee & St. Paul Railroad (Preferred)	2,675.00
20 Shares Fitchburg Railroad (Preferred)	960.00
70 Shares New York, New Haven & Hartford Railroad	1,855.00
100 shares Union Pacific Railroad (Preferred)	6,750.00
32 Shares West End Street Railway Co. (Preferred)	1,728.00
50 Shares American Sugar Refining Co. (Preferred)	5,900.00
130 Shares American Sugar Refining Co. (Com.)	18,167.50
203 Shares American Telephone & Telegraph Co.	19,488.00
15 Shares Anaconda Copper Mining Co. (Com.)	952.50
12 Shares Edison Electric Illuminating Co. of Boston	1,752.00
16 Shares Massachusetts Gas Co.'s (Preferred)	976.00
10 Shares Westinghouse Electric & Manufacturing Co.	545.00
Cash	11,083.21
	$93,042.21

GENERAL FUND INVESTMENTS

Bonds:	
$500 U. S. A. Third Liberty Loan, 4¼%, 1928	$473.75
20,000 U. S. A. Fourth Liberty Loan, 4¼%, 1938	18,400.00
5,000 Midvale Steel & Ordnance Co. 5's, 1936	4,150.00
1,000 Montpelier & Barre Light & Power Co. 5's, 1944	850.00
Stocks:	
50 Shares Boston & Maine Railroad (Common)	1,800.00
110 Shares Chicago & Northwestern Railway Co. (Common)	9,515.00
21 Shares Old Colony Railroad	1,638.00
16 Shares Worcester Consolidated Street Railway (Preferred)	480.00
Carried forward	$37,306.75

Brought forward			$37,306.75
50 Shares Board of Trade Building Trust			3,250.00
50 Shares Commonwealth Building Trust (Preferred)			1,250.00
25 Shares Commonwealth Building Trust (Common)			0.00
6 Shares Delta Building Trust			180.00
50 Shares Breece Mining Co.			0.00
33 Shares Galveston-Houston Electric Co. (Preferred)			1,650.00
5 Shares Galveston-Houston Electric Co. (Common)			45.00
3 Shares Railway & Light Securities Co. (Preferred)			234.00
1 Share Railway & Light Securities Co. (Common)			70.00
5 Shares Western Union Telegraph Co.			435.00
16 Shares Fort Wayne Electric Co.			0.00
5 Shares Union Brewing Co.			0.00
Mortgage Note Estate Francis X. Frieh			1,225.00
Mortgage Note Jesse Lee Church			2,850.00
Mortgage Note Estate Charles P. Whittle			3,500.00
Real Estate:			
No. 251–67 Cambridge Street			53,000.00
Cambridge and North Grove Streets			70,800.00
Single Patient Building McLean Hospital			4,296.33
Cash:			
Treasurer	$16,026.15		
Administrator General Hospital	2,000.38		
Administrator McLean Hospital	5,536.68		
			$23,563.21
			$203,655.29

GENERAL FUND, LOSS AND GAIN, 1919

Balance, January 1, 1919			$209,671.28
Donations			14,370.54
Ten Year Free Bed Fund, Proportionate Expirations			1,800.00
Tax Rebate, National Bank Stock			925.48
			$226,767.30
Excess of Expenses over Receipts			
General Hospital	$315,897.27		
Convalescent Hospital	373.60		
Social Service Department	3,567.57		
		$319,838.44	
Excess of Receipts over Expenses			
Phillips House	$36,974.16		
Out-Patient Department	1,198.88		
McLean Hospital	5,791.78	$43,964.82	
		$275,873.62	
Annuities and Interest		3,214.46	
		$279,088.08	
Income from Funds Applied	$207,840.73		
Donations for Special Purposes Applied	11,072.68		
Donations for General Fund Income	3,750.00		
Donations for Yearly Free Beds	31,367.03	$254,030.44	$25,057.64
Balance, December 31, 1919			$201,709.66

	Balance, Jan. 1, 1919		Donations, Bequests		Income from Investm'ts	Sundry Additions	Expended at Hospitals	Sundry Deductions		Balance Dec. 31, 1919	
	Income	Principal	Income	Principal	Income	Inc. & Prin.	Income	Income	Principal	Income	Principal
PERMANENT FUNDS											
Art Room	....	$1,018.35	....	....	$49.70	....	$49.70	....	....	....	$1,018.35
Arthur W. Blake	....	....	....	$24,697.02	1,105.21	....	....	$660.00	....	$445.21	24,697.02
Samuel Cabot	....	10,000.00	....	....	488.19	....	488.19	....	....	....	10,000.00
Clinical Laboratory	....	10,000.00	....	....	488.19	....	488.19	....	....	....	10,000.00
Convalescent Hospital	$7,016.55	151,811.13	....	....	7,709.42	....	5,000.00	....	....	9,725.97	151,811.13
Dalton	7,476.97	25,000.00	....	....	1,538.24	....	9,015.21	....	....	....	25,000.00
Chester H. Davis	....	20,000.00	....	....	976.37	....	976.37	....	....	....	20,000.00
Dr. Walter J. Dodd Memorial	....	4,477.12	....	395.00	224.37	P. $224.37	....	224.37	....	....	5,096.49
John W. Elliot	....	....	....	5,000.00	....	....	....	....	....	....	5,000.00
Foster Family	....	10,000.00	....	....	488.19	....	....	....	....	488.19	10,000.00
Income, Unrestricted	....	288,039.64	....	21,000.00	14,806.22	....	14,318.03	488.19	....	....	309,039.64
Sarah Proctor Joslin	44.35	1,000.00	....	....	50.70	....	....	....	....	95.05	1,000.00
McLean Hospital	....	565,223.34	....	....	27,593.45	....	27,593.45	....	....	....	565,223.34
New Endowment	....	6,000.00	....	5,555.00	292.91	....	292.91	....	....	....	11,555.00
Orthopedic Ward	....	26,470.92	....	....	1,292.28	....	1,292.28	....	....	....	26,470.92
Pathological Laboratory and Randall	....	83,875.41	....	....	4,094.67	....	4,094.67	....	....	....	83,875.41
Redman	....	455,113.34	....	....	22,218.03	....	22,218.03	....	....	....	455,113.34
Shattuck	180.79	2,000.00	....	....	105.32	....	104.00	....	....	182.11	2,000.00
Social Service Department	591.37	20,600.00	....	....	1,030.80	....	1,622.17	....	....	....	20,600.00
Surgical Instrument	....	6,475.00	....	....	316.10	....	316.10	....	....	....	6,475.00
Training School for Nurses	....	40,022.92	....	....	1,953.87	I. 488.19	2,442.06	....	....	....	40,022.92
Treadwell Library	....	6,305.00	....	....	307.80	....	307.80	....	....	....	6,305.00
Warren Library	....	1,000.00	....	....	48.82	....	48.82	....	....	....	1,000.00
Warren Prize	229.98	5,185.84	....	....	262.94	....	....	....	....	492.92	5,185.84
Wooden Leg	1,464.67	7,600.00	....	....	433.27	....	165.00	....	....	1,732.94	7,600.00
Memorial Fund, Doctors and Nurses	....	....	....	5,000.00	279.22	....	279.22	....	....	....	5,000.00
Free Bed	....	2,219,570.06	....	46,310.30	109,663.91	....	109,663.91	....	....	....	2,265,880.36
	....	....	....	....	....	P. $224.37	....	....	....	....	....
Total	$17,004.68	$3,966,788.07	....	$107,957.32	$197,818.19	I. 488.19	$200,776.11	$1,372.56	....	$13,162.39	$4,074,969.76
Loss and Gain. *Gain*	....	16,201.55	....	....	....	P. 13,155.93	....	....	....	....	29,357.48
SPECIAL PURPOSE FUNDS											
Bowditch History	$2,881.94	$2,000.00	....	....	$254.35	....	....	....	....	$3,136.29	$2,000.00
Children's Medical Ward Building	....	330.29	....	....	21.78	P. $21.78	....	$21.78	....	....	352.07
Nurses' Home, McLean Hospital	....	66,166.72	....	....	4,362.70	P. 4,362.70	....	4,362.70	....	....	70,529.42
10-Year Free Bed	....	9,400.00	....	$2,000.00	692.33	....	$692.33	....	*$1,800.00	....	9,600.00
Training School for Nurses, Endowment	....	5,132.31	....	596.00	347.87	P. 347.87	....	347.87	....	....	6,076.18
Total	$2,881.94	$83,029.32	....	$2,596.00	$5,679.03	P. $4,732.35	$692.33	$4,732.35	$1,800.00	$3,136.29	$88,557.67
Loss and Gain. *Gain*	....	4,439.56	....	....	....	P. 44.98	....	....	....	....	4,484.54
GENERAL FUND	....	....	....	....	....	P. $1,800.00	....	....	*Inc. Deficit*	....	....
Loss and Gain. *Gain*	....	$209,671.28	$3,750.00	$14,370.54	$6,372.29	P. 925.48	....	$10,122.29	*$25,057.64*	....	$201,709.66
	....	....	....	....	....	P. 1,945.63	....	....	....	....	1,945.63
Sundry Donations, Special Purpose	$8,342.53	....	$12,443.47	....	$170.95	....	$11,072.68	$1,932.10	....	$7,952.17	....
Yearly Free Bed Donations	....	....	31,367.03	....	....	....	31,367.03	....	....	....	....
Total	$28,229.15	$4,280,129.78	$47,560.50	$124,923.86	$210,040.46	I. $488.19	$243,908.15	$18,159.30	$26,857.64	$24,250.85	$4,401,024.74
						P. 22,828.74					

PERMANENT FUNDS

FREE BED FUND

INCOME DEVOTED TO FREE BEDS

1825	The Davis Fund, a bequest from Mrs. Eleanor Davis		$900.00
1827	William Phillips Fund, a bequest from William Phillips . . .		5,000.00
1830	Belknap Fund, a bequest from Jeremiah Belknap		10,000.00
1841	Brimmer Fund, a bequest from Miss Mary Ann Brimmer . .		5,000.00
1842	Tucker Fund, a bequest from Miss Margaret Tucker . . .		3,312.37
1849	Williams Fund, a bequest from John D. Williams, of Estate No. 17 Blackstone Street . .		19,600.00
	Nichols Fund, a bequest from B. R. Nichols		6,000.00
1850	Todd Fund, a bequest from Henry Todd		5,000.00
1851	Wilder Fund, a bequest from Chas. W. Wilder .	$12,000.00	
1912	and a bequest from Florence Elizabeth Wilder, his granddaughter . . .	1,000.00	13,000.00
1856	Bromfield Fund, half of a bequest from John Bromfield . . .		20,000.00
	Wm. Reed Fund, a bequest from Wm. Reed		5,233.92
1857	Treadwell Fund, part of a bequest from J. G. Treadwell .		38,703.91
1858	Dowse Fund, a bequest from Thomas Dowse		5,000.00
1858–1897	Sawyer Fund, part of a bequest from M. P. Sawyer		76,966.19
1859	Thompson Fund, a bequest from S. B. Thompson		500.00
1860	J. Phillips Fund, a bequest from Jonathan Phillips		10,000.00
1862	Miss Townsend Fund, a donation from the executors of the will of Miss Mary P. Townsend .		11,486.50
1863	Pickens Fund, a bequest from John Pickens		1,676.75
	Percival Fund, a bequest from John Percival		950.00
1864	Greene Fund, a bequest from Benj. D. Greene		5,000.00
1865	Sever Fund, a bequest from Miss Martha Sever		500.00
	Raymond Fund, a bequest from E. A. Raymond		2,820.00
	Carried forward		$246,649.64

Permanent Funds

	Brought forward	$246,649.64
1868	The Harris Fund, part of a bequest from Charles Harris . . .	1,000.00
	Mason Fund, a bequest from Wm. P. Mason	9,400.00
	Loring Fund, a bequest from Abigail Loring	5,000.00
1868–1875	Miss Shaw Fund, a donation and bequest from Miss M. Louisa Shaw	5,500.00
1871	J. L. Gardner Fund, a donation from J. L. Gardner	20,000.00
	B. T. Reed Fund, a donation from Benj. T. Reed	1,000.00
	Read Fund, half of a bequest from James Read	1,000.00
1872	McGregor Fund, half of a donation and bequest from James McGregor	7,500.00
	Joy Fund, a bequest from Miss Nabby Joy	20,000.00
1873	Parker Fund, a bequest from Jonathan Parker, Jr. . . .	10,000.00
1874	Templeton Fund, half of a bequest from John Templeton .	5,000.00
	Miss Rice Fund, a bequest from Miss Arabella Rice	5,000.00
	Mrs. J. H. Rogers Fund, a donation from J. H. Rogers . .	1,177.50
1876	Beebe Fund, a bequest from J. M. Beebe	50,000.00
	Lincoln Fund, half of a bequest from Mrs. F. W. Lincoln . .	85,000.00
1877	Blanchard Fund, a bequest from Mrs. M. B. Blanchard . . .	4,000.00
	George Gardner Fund, a donation of $1,000 from George Gardner, and $11,000 from Shepherd Brooks	12,000.00
	Hemenway Fund, a donation from the executors of the will of Augustus Hemenway . . .	20,000.00
	Jessup Fund, part of a bequest from Dr. Chas. A. Jessup . .	1,000.00
	Tufts Fund, a bequest from Quincy Tufts	10,000.00
1878	Eliza Perkins Fund, a donation from Mrs. H. B. Rogers . .	1,000.00
	Dwight Fund, a donation from Mrs. T. Bradford Dwight . .	1,000.00
1879	Hunnewell Fund, a donation from H. H. Hunnewell	10,000.00
	R. M. Mason Fund, a bequest from R. M. Mason . . .	5,000.00
	Hannah Lowell Cabot Fund, a donation from Dr. Samuel Cabot	1,000.00
	Carried forward	$538,227.14

Permanent Funds

	Brought forward	$538,227.14
1879	The Gray Fund, a donation from John C. Gray	1,000.00
1881	Welles Fund, a donation from Miss Jane Welles	5,000.00
1882	Black Fund, a bequest from Miss Marianna Black	2,000.00
	Eben Wright Fund, an assignment of legacies by the children of T. Jefferson Coolidge . . .	14,000.00
1883	Paraclete Holmes Fund, a donation from W. S. Adams . .	2,000.00
	Estabrooks Fund, a bequest from J. W. Estabrooks	1,000.00
	Thayer Fund, a bequest from Nathaniel Thayer	30,000.00
1884	John Bertram Fund, a donation from Mrs. Clara Bertram Kimball	5,000.00
	D. R. Whitney Fund, a donation of D. R. Whitney	1,000.00
	Ann E. Gray Fund, a bequest from Miss Ann E. Gray . .	5,000.00
1886	Hannah C. Leland Fund, a bequest from Mrs. Hannah C. Leland	15,000.00
	Esther E. Beebe Fund, a bequest from Mrs. Esther E. Beebe .	2,000.00
	Ella F. Roehl Fund, a bequest from Ella F. Roehl	8,085.02
	Donations from friends, two of $100 each and one of $50 . .	250.00
	Urbino Fund, a bequest of S. R. Urbino	6,000.00
1887	Emily W. Appleton Fund, a donation from Mrs. Emily W. Appleton	1,000.00
	Henry B. Rogers Fund, a bequest from Henry B. Rogers . . .	10,000.00
	John H. Eastburn Fund, a bequest from John H. Eastburn	10,000.00
	Mrs. Susan F. Eastburn Fund, a bequest from Mrs. Susan F. Eastburn	1,000.00
	William B. Craft Fund, a bequest from William B. Craft . . .	5,000.00
1888	McGregor Fund, a bequest of Mrs. James McGregor . . .	1,000.00
	Charles R. Hayden Fund, a donation from Mrs. Annie Ruth Hayden	2,000.00
	Spaulding Fund, a donation of Mahlon D. and John P. Spaulding	10,000.00
	Anna T. Phillips Fund, a donation of Mrs. Anna T. Phillips	1,000.00
	Carried forward	$676,562.16

Permanent Funds

	Brought forward	$676,562.16
1888–1919	The Joel Spaulding Fund, a donation of Miss Sarah R. Spaulding .	4,300.30
1889	Bartlett Fund, a bequest of Sidney Bartlett	10,000.00
	Jas. B. and Mary Dow Fund, a gift of Mary Dow, under the will of James B. Dow . . .	5,000.00
	Shattuck Fund, a donation of Mrs. George C. Shattuck . .	500.00
1890	Elisha T. Loring Fund, a bequest of Elisha T. Loring	10,000.00
	Ellen M. Gifford Fund, part of bequest of Ellen M. Gifford .	10,000.00
	Turner Sargent Fund, a bequest of Amelia Jackson Sargent .	5,000.00
	Sarah E. Allen Fund, a bequest of Sarah E. Allen	5,000.00
	Jordan, Marsh and Co. Fund, a donation of Jordan, Marsh and Co.	1,000.00
	Wm. S. Dexter Fund, a donation of Wm. S. Dexter	5,000.00
	Wm. B. Spooner Fund, a bequest of Wm. B. Spooner	3,000.00
1891	Caroline Merriam Fund, a donation from Frank Merriam . .	1,000.00
1892	Stephen P. H. May Fund . . .	1,000.00
1893	Waldmeyer Fund, a bequest of Philip Waldmeyer	1,000.00
	Elizabeth W. Gay Fund, a bequest of Elizabeth W. Gay .	7,931.19
1894	Lawrence Fund, a bequest of Abbott Lawrence	10,000.00
	Isaac Sweetser Fund, a bequest of Mrs. Anne M. Sweetser . .	46,913.14
1895	Burnham Fund, a bequest of T. O. H. P. Burnham . . .	250,000.00
	Moseley Fund, a bequest of Wm. O. Moseley	20,000.00
	Snow Fund, a bequest of Sophia J. Snow	5,000.00
1896	Glover Fund, a bequest of Albert Glover	5,000.00
	R. W. Turner Fund, a bequest of Royal W. Turner	21,086.48
	Coolidge Fund, a bequest of Susan G. Coolidge	176,000.00
	Vose Fund, half of a bequest of Ann White Vose	38,983.09
	Cheney Fund, a bequest of B. P. Cheney	10,000.00
	Mary B. Turner Fund, a bequest of Mary B. Turner	5,000.00
	Theodore Chase Fund, a donation of Alice Bowdoin Chase . .	5,000.00
	Carried forward	$1,339.276.36

Permanent Funds

	Brought forward	$1,339,276.36
1896	The Henry E. Moody Fund, a bequest of Jane C. Moody	2,091.42
1897	Benj. Jos. Gilbert Fund, a donation of Mrs. Susan B. Richards	5,000.00
	Harriet T. Andrew Fund, a bequest of Harriet T. Andrew .	5,000.00
	Wm. Hilton Fund, a bequest of Wm. Hilton	22,553.66
	Cornelia V. R. Thayer Fund, a bequest of Mrs. C. V. R. Thayer	25,000.00
	Chas. Paine Cheney Fund, a donation of Mrs. B. P. Cheney . .	5,000.00
	Chas. B. Porter Fund, a bequest of W. L. Chase	5,000.00
1898	Henry L. Pierce Fund, part of a bequest of Henry L. Pierce .	50,000.00
	Brown Fund, a bequest of Harriet Louisa Brown	5,000.00
1899	Luther Farnum Fund, a bequest of Luther Farnum	2,637.37
	J. Huntington Wolcott Fund, a bequest of Mrs. J. Huntington Wolcott	25,000.00
	Geo. A. Newell Fund, a bequest of Geo. A. Newell	5,000.00
	Ira C. Calef Fund, a donation of Ira C. Calef	5,000.00
1900	J. Collins Warren Fund, a bequest of Anna S. C. Blake . . .	10,000.00
1901	Henry Saltonstall Fund, a bequest of Henry Saltonstall .	10,000.00
	Conrad Mohr Fund, a bequest of Conrad Mohr	41,384.18
	Sarah H. A. Burnham Fund, a donation of Mrs. Sarah B. Whittemore and Mrs. Theresa B. Dodge	5,000.00
	Chas. L. Young Fund, a bequest of Chas. L. Young	5,000.00
1902	Henry Woods Fund, a bequest of Henry Woods	5,000.00
	Henry Whitman Fund, a bequest of Henry Whitman	10,000.00
	Jos. B. Glover Fund, a bequest of Jos. B. Glover	5,000.00
	Stuart Wadsworth Wheeler Fund, a donation of Susan Farnum Wheeler	1,000.00
	Wm. Whitworth Gannett Fund, a donation of Wm. Whitworth Gannett	1,000.00
1903	Fred'k L. Ames Fund, a bequest of Mrs. Fred'k L. Ames . .	5,000.00
	John Ruggles Fund, a bequest of Mrs. Mary L. Ruggles . . .	10,000.00
	Carried forward	$1,609,942.99

Permanent Funds

	Brought forward	$1,609,942.99
1903	The Robert Chas. Billings Fund, a donation of Thomas Minns, surviving executor under the will of Robert Chas. Billings	5,000.00
	J. Sullivan Warren Fund, Legacy of Elizabeth T. L. Warren . .	62,350.00
1904	Chas. H. Hayden Fund, part of a bequest of Chas. H. Hayden	5,000.00
1904–1915	Harriet O. Cruft Fund, a donation and bequest of Miss Harriet O. Cruft	33,000.00
1904	Shepard Norwell Fund, a donation of John Shepard . . .	5,000.00
1905	Henry C. Weston Fund, a donation of Mrs. Evelyn O. Weston	5,000.00
	Geo. B. Upton Fund, a bequest of Geo. B. Upton	5,000.00
	Hannah Smith-Lexington Fund, a bequest of George O. Smith .	5,000.00
1906	Coburn Fund, a bequest of Mrs. Helen G. Coburn	75,000.00
	Nurses' Training School, Free Bed Fund	5,000.00
1907	Charles Merriam Fund, a bequest of Charles Merriam . . .	5,000.00
1908	Moses Williams Fund, a donation of Laura L. Case . . .	5,000.00
	Smith and Sarah A. Gerrish Fund, a bequest of Edward Gerrish	8,000.00
	Harriet O. Cruft Fund, a donation of Miss Harriet O. Cruft, as a Children's Fund . . .	5,000.00
1908–1919	W. Scott Fitz Fund, a donation of Mrs. W. Scott Fitz . . .	15,000.00
1910–1914	Florence Lyman Fund, a bequest of Florence Lyman	3,891.41
1910	Eugene V. R. Thayer Fund, a bequest in memory of Eugene V. R. Thayer	5,000.00
	Lucius Clapp Fund, a bequest of Lucius Clapp	5,000.00
	Thomas Niles Fund, a bequest of Thomas Niles	29,281.67
	William Litchfield Fund, a bequest of William Litchfield .	5,000.00
	Charles H. Draper Fund, a bequest of Charles H. Draper .	23,934.13
1911	James Rogers Rich Fund, a bequest of James Rogers Rich .	1,000.00
	Mrs. Bennett H. Nash Fund, a donation of Mrs. Bennett H. Nash	5,000.00
1911–1919	Frances Fay and Arthur Kelsey Fay Memorial Fund, a donation of James H. Fay . . .	25,000.00
	Carried forward	$1,956,400.20

Permanent Funds

	Brought forward	$1,956,400.20
1911	The Catherine A. Barstow Fund, a bequest of Catherine A. Barstow	10,000.00
	Mary E. Badger Fund, a bequest of Mary E. Badger	2,000.00
	Thomas Talbot Fund, a bequest of Isabella W. Talbot . . .	5,000.00
1912	Matchett Fund, a bequest of Mrs. Sarah A. Matchett	25,000.00
	Waite Memorial Bed, a bequest of Harriet E. Goodnow . .	5,091.67
	Caroline M. Martin Fund, a bequest of Caroline M. Martin	5,094.94
1913	John S. Ames Fund, a donation of John S. Ames	5,000.00
	Mary Stickney Fund, a bequest of Mary Spaulding	5,000.00
	George N. Smalley Fund, a bequest of George N. Smalley .	5,000.00
1914–1915	William S. Hills Fund, a bequest of William S. Hills	10,000.00
1914–1917	Dr. John M. Harlow Fund, a bequest of Dr. John M. Harlow of $31,125.47 and of Frances K. Harlow of $13,339.48 . . .	44,464.95
1915	Esther Storey Fund, a bequest of Joseph C. Storey	5,000.00
	Jane Elkins Fund, a bequest of Joseph C. Storey	5,000.00
	William N. Felton Fund, a bequest of William N. Felton .	5,000.00
	Jennie A. Pond Fund, a donation of H. D. Woods	5,250.00
	Susan Welles Sturgis Fund, a bequest of John Aiken Preston .	5,000.00
1916	Isabella Freeman Dillingham Bed, a bequest of Isabella W. Dillingham	5,314.44
	William Endicott Fund, a bequest of William Endicott, $25,000, and an Anonymous donation of $25,000	50,000.00
1917	Sylvester Bowman Fund, a bequest of Sylvester Bowman .	50,900.00
	Ellen Channing Fund, a bequest of Ellen Channing . .	5,000.00
	Mrs. Henry S. Grew Fund, a donation of Mrs. Henry S. Grew	5,000.00
	Timothy Paige Fund, a donation of Timothy Paige	4,000.00
1918	Henry Lee Higginson Fund, given by his partners	4,250.00
	Mary T. Appleton Fund, bequest of Mary T. Appleton . . .	1,000.00
	Carried forward . . .	$2,228,766.20

Permanent Funds

	Brought forward . . .		$2,228.766.20
1918	The Moses Wildes Fund, bequest of Moses Wildes		20,104.16
	Mary Helen Freeman Fund, bequest of Mary Helen Freeman		1,000.00
1919	The Sarah Bell Conery Fund, a bequest of Sarah E. Conery . .		5,000.00
	Moorfield Storey Fund, a donation of Moorfield Storey . .		500.00
	James R. Gregerson Fund, a bequest of Elizabeth Sharp Gregerson		5,000.00
	Helen Homans Memorial Fund, donations of sundry donors .		510.00
	Samuel Q. Cochran Fund, a bequest of Florence A. Cochran .		5,000.00
			$2,265,880.36

INCOME UNRESTRICTED FUND

1845	The Waldo Fund, bequest of Daniel Waldo		$40,000.00	
	Dr. J. H. Whittemore Memorial Fund:			
	William S. Bullard	$500.00		
	Peter C. Brooks .	200.00		
	Martin Brimmer .	300.00		
	Arthur T. Lyman .	250.00		
	Geo. P. Metcalf .	100.00		
	Benton, Caverly & Co.	100.00		
	B. Johnson . .	100.00		
	A Friend . . .	1,000.00		
	David P. Kimball .	500.00		
	T. Jefferson Coolidge	500.00		
	James L. Little .	100.00		
	Caroline G. Curtis	100.00		
	Theodore Lyman .	100.00		
	E. F. Mason . .	100.00		
	T. K. Lothrop . .	500.00		
	C. J. Morrill . .	1,000.00		
	George Higginson .	5,000.00		
	Edmund Dwight .	1,000.00		
	S. D. Warren . .	1,000.00		
	Mrs. J. E. Lodge .	100.00		
	Dr. Charles V. Bemis	50.00		
	George S. Hale .	50.00		
	Miss Anne Wigglesworth . . .	500.00		
	H. H. Hunnewell .	1,500.00		
	J. A. Emmons . .	500.00		
	Mrs. Gardner Brewer . . .	100.00		
	Carried forward	$15,250.00	$40,000.00	$2,265,880.36

Permanent Funds

	Brought forward	$15,250.00	$40,000.00	$2,265,880.36
1845	Miss C. A. Brewer	20.00		
	Mrs. E. B. Bowditch	500.00		
	Sands, Furber & Co.	100.00		
	J. B. Fletcher . .	100.00		
	Shattuck & Jones .	100.00		
	D. R. Whitney .	100.00		
	Nathan Robbins	100.00		
	William Perkins .	100.00		
	Chas. P. Curtis .	100.00		
	Otis E. Weld . .	500.00		
	Ida M. Mason . .	100.00		
	George B. Brown .	50.00		
	A Friend . . .	50.00		
1886	A Friend, through Mr. Endicott .	100.00		
	John L. Bremer .	500.00		
	Miss Anna Hallowell	100.00		
	N. P. Hallowell .	100.00		
	G. W. Wells . .	100.00		
	A Lady, through Mr. Dalton . .	50.00		
	Franklin Haven, Jr.	100.00		
	Charles Merriam .	100.00		
	Edward Austin .	300.00		
	C. H. Dalton . .	300.00		
	Mrs. C. H. Dalton	50.00		
	Augustus Lowell .	250.00		
	Henry Saltonstall .	200.00		
	Mrs. G. H. Shaw .	100.00		
	Mrs. Frank Morison	50.00		
	Mrs. J. H. Wolcott	100.00		
	Mrs. W. W. Vaughan . .	250.00		
	R. T. Paine . .	200.00		
	Francis Blake . .	100.00		
	Roger Wolcott . .	100.00		
	Henry Lee . . .	500.00		
	A. A. Lawrence .	300.00		
	William Endicott, Jr.	1,000.00		
	Henry Woods . .	500.00		
	Ezra Farnsworth .	1,000.00		
	Thomas E. Proctor	500.00		
	Henry B. Rogers .	500.00		
	Mary Anne Wales	200.00		
	Mrs. Jas. McGregor	100.00		
	Mrs. Caroline Merriam	100.00		
	Mrs. J. Elliot Cabot	1,000.00		
	J. M. Sears . .	1,000.00		
	Nathaniel Thayer .	1,500.00		
	John E. Thayer .	1,000.00		
	Bayard Thayer .	1,000.00		
	E. V. R. Thayer .	500.00		
	Carried forward	$31,020.00	$40,000.00	$2,265,880.36

Permanent Funds

	Brought forward .	$31,020.00	$40,000.00	$2,265,880.36
	Mrs. Nathaniel Thayer . . .	500.00		
	Mrs. J. F. Andrews	500.00		
	R. C. Greenleaf .	1,000.00		
	Samuel Johnson .	500.00		
	Mrs. Francis Brooks . . .	100.00		
	J. H. Wolcott . .	100.00		
			$33,720.00	
1889	The Blake Fund, a bequest of Stanton Blake		10,000.00	
1892	Charles W. Faulkner Fund, bequest of C. W. Faulkner . .		2,940.00	
1897	John Foster Fund, bequest of John Foster		10,000.00	
1898	Elizabeth C. Ware Fund, bequest of Elizabeth C. Ware . . .		10,000.00	
1901	Lucretia A. Wilder Fund, a bequest of Lucretia A. Wilder .		9,377.64	
	Roger Wolcott Fund, bequest of Roger Wolcott		5,000.00	
1915	Arthur T. Lyman Fund, a donation of Arthur T. Lyman . .		10,000.00	
1916	Mitchell A. Dearborn Fund, a bequest of Mitchell A. Dearborn		525.00	
1917	Arthur G. Tompkins Fund, a bequest of Arthur G. Tompkins .		25,000.00	
	Charles P. Jaynes Fund, a bequest of Charles P. Jaynes .		11,477.00	
1905	Edward W. Codman Fund, part of a bequest of Edward W. Codman		10,000.00	
	By vote of the Trustees, April 14, 1905, the income on $10,000 is to be transferred annually to the Training School for Nurses Fund.			
1918	The Charles L. Pitts Fund, bequest of Mary Rose Harris .		10,000.00	
	Charles Goddard Weld Fund, bequest of Mrs. Caroline L. Weld		100,000.00	
1919	Surgical Dressings Fund, donation of the New England Surgical Dressings Committee .		10,000.00	
	Henry Pickering Walcott Fund		10,000.00	
	Alexander E. O. Munsell Fund, donation of Alexander E. O. Munsell		1,000.00	
				$309,039.64
	Brought forward			$2,574,920.00

Permanent Funds

	Brought forward		$2,574,920.00

REDMAN FUND

Income devoted to any purpose except buildings

1862–1872	A bequest from John Redman . .	$455,113.34

CHESTER H. DAVIS FUND

For Crippled Children

1903	Bequest of Chester H. Davis . .	$20,000.00

McLEAN HOSPITAL FUND

1830		The Joseph Lee Fund, a donation of Joseph Lee, as heir of Francis Lee	$20,000.00	
1843		Appleton Fund, a bequest of $10,010 from Samuel Appleton and a donation of $20,000		
	1854			
	1862	from William Appleton . .	30,010.00	
1851		Bromfield Fund, half of a bequest from John Bromfield . . .	20,000.00	
1858		Austin Fund, part of a bequest from Mrs. Agnes Austin . .	5,000.00	
1859		Kittredge Fund, a bequest from Rufus Kittredge	5,500.00	
1870		Amusement Fund, $5,000 bequest of Miss Mary Louise Shaw;		
	1875	$5,000 donation of Mrs. Quincy A. Shaw and other ladies . .	10,000.00	
1871		Read Fund, half of a bequest from James Read	1,000.00	
1872		McGregor Fund, half of a donation and bequest from James McGregor	7,500.00	
1874		Templeton Fund, half of a bequest from John Templeton . . .	5,000.00	
1876		Lincoln Fund, half of a bequest from Mrs. F. W. Lincoln . .	85,000.00	
1885		Proctor Fund, a bequest from Mrs. Lydia P. Proctor . .	1,000.00	
1888		Hibbard Occupation Fund . .	1,000.00	
1889		Higginson Fund, a bequest from George Higginson	10,000.00	
1890		Ellen M. Gifford Fund, part of a bequest from Ellen M. Gifford	5,000.00	
1895		Matchett Fund, a donation of Sarah A. Matchett	15,000.00	
		Thomas E. Proctor Fund for maintenance of buildings . .	30,000.00	
1896		Vose Fund, half of a bequest of Ann White Vose	38,983.09	
		Carried forward	$289,993.09	$3,050,033.34

Permanent Funds

	Brought forward	$289,993.09	$3,050,033.34
1897	The Bradlee Fund, part of a donation from Helen C. Bradlee . . .	50,000.00	
1900	Abbott Fund, a bequest of Marshall K. Abbott	2,500.00	
1904	Fund for Department of Scientific Research, a donation of Sarah A. Matchett	5,000.00	
1906	Samuel Eliot Memorial Chapel Fund for maintenance of Chapel	10,904.84	
1909	George F. Parkman Fund, part of a bequest of George F. Parkman	50,000.00	
	Elizabeth B. Maxwell Fund, a bequest of Elizabeth B. Maxwell	1,030.00	
	Mercy A. Bailey Fund, a bequest of Mercy A. Bailey	5,500.00	
1911	Martha R. Hunt Fund, to be used for the entertainment of patients at McLean Hospital . .	10,135.00	
1912–1915	Matchett Memorial Fund, part of a bequest of Sarah A. Matchett	73,376.05	
1913	Sarah E. Cazenove Fund, a bequest of Sarah E. Cazenove .	63,784.36	
1916	John Milton Hall Fund, a donation of a Friend	3,000.00	
			$565,223.34

CONVALESCENT HOSPITAL FUND

1879	Sundry Donors (through Miss Russell)	$3,446.00	
	Executors of George O. Hovey . .	2,000.00	
1880	Sundry Donors (through Miss Russell)	2,513.00	
	Dr. and Mrs. C. E. Ware	1,000.00	
	Mrs. Sarah S. Fay	1,000.00	
	J. L. Gardner	1,000.00	
	Mrs. E. B. Bowditch	1,000.00	
	H. B. Rogers	1,000.00	
	Anne S. Hooper	1,000.00	
	E. Pierson Beebe and Miss Emma Beebe	1,000.00	
	W. S. Bullard	500.00	
	Samuel W. Swett	500.00	
	William Amory	500.00	
	C. H. Dalton	500.00	
	Chas. P. Curtis	500.00	
	T. K. Lothrop	500.00	
	H. L. Higginson	300.00	
	F. L. Higginson	300.00	
	O. W. Peabody	250.00	
	J. R. Hall	200.00	
	George Dexter	200.00	
	Mrs. Mary M. McGregor	200.00	
	Carried forward	$19,409.00	$3,615,256.68

Permanent Funds

	Brought forward	$19.409.00	$3,615,256.68
1880	Mrs. Frank Morison	200.00	
	Eliza Goodwin	150.00	
	Friends	2,050.00	
	Mrs. Augustus Hemenway	100.00	
	T. G. Appleton	100.00	
	J. R. Coolidge	100.00	
	H. P. Kidder and C. J. Morrill, Trustees	3,713.85	
	Margaret Curtis account Mrs. C. P. Curtis, Sr.	25.00	
	D. F. Appleton	50.00	
1881	Sundry Donors (through Miss Russell)	3,750.83	
	C. J. Morrill and Friend, one-half each	5,000.00	
	Moses Williams	1,000.00	
	A. T. Lyman	200.00	
	A. Cochrane	250.00	
	J. C. Gray	300.00	
	B. Schlessinger	500.00	
	Henry Saltonstall	500.00	
	Mrs. P. C. Brooks	300.00	
	T. J. Coolidge	300.00	
	Mrs. J. B. H. James	100.00	
	R. P. Wainwright	50.00	
	Ezra H. Baker	500.00	
	William S. Houghton	1,000.00	
	Elijah Smith	500.00	
	Mrs. Samuel Cabot	100.00	
	Charles Merriam	100.00	
	Caroline Merriam	100.00	
	W. G. Weld	250.00	
	Mrs. Theodore Chase, Sr.	50.00	
	Miss Cochrane	500.00	
	Alice M. Longfellow and sister	1,000.00	
	Leopold Morse	50.00	
	Samuel Eliot	500.00	
	Eliza Ashton, by Charles P. Curtis	500.00	
	"A Bostonian," by Charles P. Curtis	500.00	
	W. E. Bright	200.00	
	G. A. Nickerson	200.00	
	S. R. Payson	300.00	
	George C. Richardson	300.00	
	Edward Austin	500.00	
	Charles P. Hemenway	250.00	
	Nathaniel Thayer	20,000.00	
	H. P. Kidder	5,000.00	
	J. L. Bremer	1,000.00	
	Henry Lee	1,000.00	
	Martin Brimmer	300.00	
	Miss Anne Wigglesworth	300.00	
	Quincy A. Shaw	5,000.00	
	F. H. Peabody	500.00	
	S. B. Rindge	500.00	
	S. D. Warren	2,000.00	
	Carried forward	$81,148.68	$3,615,256.68

Permanent Funds

	Brought forward	$81,148.68	$3,615,256.68
1881	Elisha Atkins	500.00	
	H. H. Hunnewell	10,000.00	
	Nevins & Co.	500.00	
	W. Endicott, Jr.	2,500.00	
	Henry Woods	1,000.00	
	Samuel Johnson	500.00	
	R. C. Greenleaf	500.00	
	Henry Endicott	100.00	
1882	Ezra Farnsworth	500.00	
	W. C. Grover	1,000.00	
	Joseph B. Glover	100.00	
	Sundry Donors (through Miss Russell)	450.00	
	Miss Anne Wigglesworth	100.00	
	Frank L. Ames	3,000.00	
	Cornelia Dehon	75.00	
1883	Jerome G. Kidder, bequest	15,000.00	
1884	Samuel W. Swett, bequest	50,000.00	
1885	"Francis," donation	20.00	
1886	George A. Gardner, donation	5,000.00	
	Miss Mary Russell, donation	40.00	
1888	Elizabeth B. I. B. Dixwell, bequest	1,000.00	
1889–1895	Miss Helen C. Bradlee, donation	1,300.00	
1892	Elizabeth B. Bowditch, bequest	5,000.00	
1893	Mrs. Isaac Sweetser, in memory of Dr. Edw. H. Clarke, donation	1,000.00	
1912	Julia M. Moseley, bequest	6,190.47	
		$186,524.15	
	Cost of Building	34,713.02	
			$151,811.13

SAMUEL CABOT FUND FOR PATHOLOGICAL INVESTIGATION

Income devoted to salary of Surgical Pathologist

1888	Donation of Samuel Cabot and Dr Arthur T. Cabot	$10,000.00

JOHN CALL DALTON AND EDWARD BARRY DALTON FUND

Income devoted to Investigation in the Science of Medicine

1891–1909	A donation from Charles H. and Henry R. Dalton	$25,000.00

PATHOLOGICAL LABORATORY AND RANDALL FUNDS

1895	Fanny G. Villiard	$1,000.00	
	Charles U. Cotting	500.00	
	Thomas Nelson	200.00	
	A. S. Bigelow	500.00	
	Carried forward	$2,200.00	$3,802,067.81

Permanent Funds

	Brought forward	$2,200.00	$3,802,067.81
1895	William S. Bullard	500.00	
	Henry C. Weston	500.00	
	"A Western Friend" (J. M. Forbes)	5,000.00	
	R. H. White	1,000.00	
	Wallace L. Pierce	500.00	
	Caleb A. Curtis	500.00	
	Charles Merriam	500.00	
	Elizabeth R. Cabot	200.00	
	Elizabeth C. Ware	100.00	
	John C. Ropes	100.00	
	George G. Kennedy	1,000.00	
	J. Morris Meredith	100.00	
	William Powell Mason	1,000.00	
	W. B. Thomas	500.00	
	Mrs. F. L. Ames	5,000.00	
	Miss Mary S. Ames	1,000.00	
	Thomas Wigglesworth	1,000.00	
	H. H. Hunnewell	10,000.00	
	John L. Gardner	1,000.00	
1896	C. W. Amory	500.00	
	Mrs. S. D. Warren	5,000.00	
	Augustus Lowell	1,000.00	
	Henry Lee	1,000.00	
	T. Jefferson Coolidge	1,000.00	
	Henry L. Pierce	5,000.00	
	Charles Head	1,000.00	
	Martin Brimmer	1,000.00	
	Dr. Charles G. Weld	5,000.00	
	O. H. Alford	500.00	
	John A. Burnham	500.00	
	Mr. and Mrs. W. Scott Fitz	1,000.00	
	Oliver Ames	1,000.00	
	D. L. Pickman	200.00	
	W. D. Sohier	100.00	
	George F. Fabyan	1,000.00	
	Miss A. P. Rogers	500.00	
	A Friend	400.00	
	Mrs. W. D. Pickman	1,000.00	
	Frank Simpson	1,000.00	
	A. A. Lawrence	500.00	
	E. Pierson Beebe	1,000.00	
	J. Reed Whipple	500.00	
	A. Hemenway	1,000.00	
	W. H. Forbes	500.00	
	Mrs. Frank Merriam	500.00	
	Mrs. William C. Loring	1,000.00	
	Estate of Eben D. Jordan	5,000.00	
	Nathaniel Thayer	1,000.00	
	Mrs. J. N. Fiske	1,000.00	
	Through Dr. A. T. Cabot	100.00	
	Through Dr. Chas. B. Porter	100.00	
	W. Sturgis Bigelow	2,500.00	
	Anna S. C. Prince	1,000.00	
	Wm. Endicott, Jr.	5,000.00	
	Interest on Fund added	1,947.02	
1897	Henry M. Whitney	1,000.00	
	Carried forward	$83,047.02	$3,802,067.81

Permanent Funds

	Brought forward	$83,047.02	$3,802,067.81
1897	Children of Samuel Parkman . . .	2,000.00	
	Laurence Minot	100.00	
	Mrs. Henry S. Grew	500.00	
	George Wigglesworth	100.00	
	William Minot	100.00	
	A. Hemenway	1,000.00	
	Miss A. P. Carey	500.00	
	Allen Danforth	100.00	
1912	Mrs. Mary Upham Johnson, a bequest	3,201.32	
	Pathological Fund	$90,648.34	
	Apparatus and Equipment . . .	26,772.93	
		$63,875.41	
1898	John W. and Belinda L. Randall Fund	20,000.00	
			$83,875.41

TRAINING SCHOOL FOR NURSES' FUND

1897	C. P. Curtis, Treasurer, for sundry donors	$18,386.42	
	John Foster	5,000.00	
1902	Francis Skinner	1,000.00	
1904	Francis E. Bangs	2,000.00	
	William Amory	25.00	
	George A. Gardner	2,000.00	
	Mrs. Ernest B. Dane	100.00	
	Mrs. Robert W. Emmons	25.00	
	Mrs. Larz Anderson	50.00	
	Mrs. John L. Bremer	100.00	
	Mrs. George F. Fabyan	50.00	
	J. Randolph Coolidge	100.00	
	H. D. Chapin	10.00	
	A Friend	1.00	
	Dr. J. F. Burnham	1.00	
	Miss Fannie R. Brewer	100.00	
	F. L. Higginson	100.00	
	Mrs. J. B. Case	100.00	
	Miss Georgina Lowell	25.00	
	Mrs. E. Preble Motley	50.00	
	Arthur A. Carey	25.00	
	Mrs. Annie L. Woods	100.00	
	Thomas Wigglesworth	500.00	
	Miss Isabel Fabyan	50.00	
	Charles E. Cotting	50.00	
	Mrs. B. P. Cheney	50.00	
	T. Jefferson Coolidge	500.00	
	Mr. and Mrs. Thornton K. Lothrop .	500.00	
	Charles H. Dalton	100.00	
	Mrs. A. W. Blake	50.00	
	Miss B. F. Blake	50.00	
	Forbes Lithograph Co.	10.00	
	Mrs. W. Scott Fitz	100.00	
	Miss Eliza W. S. Parkman . . .	10.00	
	Carried forward	$31,318.42	$3,885,943.22

Permanent Funds

	Brought forward	$31,318.42	$3,885,943.22
1904	Walter Hunnewell	100.00	
	Henry S. Hunnewell	50.00	
	Mrs. F. B. Harrington	10.00	
	Miss Mary S. Ames	50.00	
	W. O. Gay	100.00	
	The Misses Minot	25.00	
	Miss Sarah F. Bremer	50.00	
	Stephen Bullard	50.00	
	Samuel W. Rodman	20.00	
	Mrs. F. C. Manning	10.00	
	Miss M. L. Blake	10.00	
	Miss Mary Brandegee	50.00	
	Shepherd Brooks	400.00	
	O. H. Alford	100.00	
	Mrs. Alford	15.00	
	Miss Mary Thomas	10.00	
	Miss Sarah C. Paine	25.00	
	Miss Mary W. Eastman	100.00	
	Charles W. Hubbard	25.00	
	Mrs. John C. Phillips	50.00	
	George F. Fabyan	1,000.00	
	Graduate of School	50.00	
	Graduate of School	1.00	
1905	Mrs. Algernon Coolidge	10.00	
	Luce & Manning	25.00	
	Mrs. J. T. Eldredge	5.00	
	Mrs. William C. Otis	100.00	
	Nurses' Alumnæ Association	53.50	
	Miss Mary Lee Ware	500.00	
	Miss Alice Longfellow	5.00	
	John T. Coolidge	100.00	
	Mrs. Theodore Lyman	100.00	
	Mrs. G. Howland Shaw	100.00	
	Clement S. Houghton	25.00	
	Louis S. Dabney	25.00	
	William S. Dexter	200.00	
	Thomas P. Beal	50.00	
	Francis Skinner	300.00	
	Henry Mulliken	500.00	
	Mrs. W. S. Bullard	25.00	
	Mrs. H. S. Grew	25.00	
	Richard H. Weld	25.00	
	Mr. and Mrs. George Putnam	200.00	
	Mr. and Mrs. N. Thayer	2,000.00	
	Mr. and Mrs. Dudley L. Pickman	100.00	
	F. L. Higginson	250.00	
	Mrs. G. G. Hammond	100.00	
	Mr. and Mrs. H. M. Sears	200.00	
	Mrs. Daniel Merriman	50.00	
	Arthur Amory	5.00	
	Mrs. Otis Norcross, Jr.	50.00	
	Alexander Cochrane	100.00	
	Mrs. S. Parkman Blake	100.00	
	Grant Walker	100.00	
	Mrs. J. J. Storrow	10.00	
	Mrs. H. H. Fay	25.00	
	Carried forward	$39,082.92	$3,885,943.22

Permanent Funds

	Brought forward	$39,082.92	$3,885,943.22
1905	Miss M. B. Lothrop	50.00	
	Francis W. Hunnewell	100.00	
	Nathaniel T. Kidder	500.00	
1906	Mrs. Anna D. Blake	50.00	
	William P. Blake	50.00	
	E. Pierson Beebe	50.00	
	Miss Emma Rodman	25.00	
1907	Mrs. R. G. Shaw	50.00	
1909	Mrs. A. Coolidge	10.00	
1912	Henry A. Wyman	5.00	
1913	Miss Harriet W. Barnes	50.00	
			$40,022.92

ART ROOM FUND

1904	Mrs. Samuel Eliot	$500.00	
	Sundry Donors and interest added	518.35	
			$1,018.35

ORTHOPEDIC WARD FUND

1906–1907	Nathaniel Thayer	$5,000.00	
	Bayard Thayer	5,000.00	
	Mrs. Lester Leland	5,000.00	
	John and W. S. Spaulding and Mrs. H. F. King	5,000.00	
	Mrs. W. G. Weld	5,000.00	
	Mr. and Mrs. H. M. Sears	5,000.00	
	Mrs. B. P. Cheney	5,000.00	
	Augustus Hemenway	3,000.00	
	J. L. Bremer	2,448.64	
	E. V. R. Thayer	2,500.00	
	H. E. Converse	2,500.00	
	Miss Mary Ames	2,000.00	
	Mrs. Edward D. Brandegee	1,500.00	
	Nelson Curtis	1,500.00	
	Max Agassiz	1,000.00	
	G. L. Peabody	1,000.00	
	F. Gordon Dexter	1,000.00	
	C. W. Amory	1,000.00	
	William Endicott, Jr.	1,000.00	
	P. L. Saltonstall	1,000.00	
	Samuel Dana	1,000.00	
	Mrs. J. H. Wright	1,000.00	
	Lyman Nichols	1,000.00	
	Francis Blake	2,000.00	
	Miss Elizabeth Cheney	1,000.00	
	Mrs. Roger Wolcott, Sr.	1,000.00	
	John Parkinson	500.00	
	Mrs. Peter C. Brooks	250.00	
	John Saltonstall	250.00	
	John A. Burnham	100.00	
	F. P. Sprague	100.00	
	W. O. Gay	100.00	
	Wallace L. Pierce	300.00	
		$65,048.64	
	Building and Equipment	38,577.72	
			$26,470.92
	Carried forward		$3,953,455.41

Permanent Funds

	Brought forward	$3,953,455.41

CLINICAL LABORATORY FUND

1908	Bequest of Mrs. Grace M. Kuhn . .	$10,000.00

SARAH PROCTOR JOSLIN FUND

1913	Bequest of Sarah Proctor Joslin . .	$1,000.00

DR. WALTER J. DODD MEMORIAL FUND

1916	Mrs. Walter J. Dodd	$100.00	
1917	A Friend	1,000.00	
	A Friend	2.00	
	Dr. and Mrs. F. A. Washburn . . .	100.00	
	G. N. Talbot	100.00	
	Dr. Vincent Y. Bowditch	5.00	
	Dr. James B. Ayer	10.00	
1917	Dr. Henry M. Chase	5.00	
	Dr. John W. Cummin	15.00	
	Dr. J. Collins Warren	50.00	
	Dr. H. K. Boutwell	5.00	
	Dr. Herman F. Vickery	10.00	
	Dr. Mabel D. Ordway	10.00	
	Dr. Charles J. White	15.00	
	Dr. W. E. Paul	25.00	
	Dr. E. A. Codman	25.00	
	Mrs. James Howard Means . . .	25.00	
	Dr. J. Payson Clark	25.00	
	Dr. L. L. Bigelow	5.00	
	Dr. James J. Putnam	25.00	
	Dr. F. B. Lund	100.00	
	Dr. Richard C. Cabot	100.00	
	Dr. E. W. Emerson	5.00	
	Dr. George H. Wright	50.00	
	Dr. E. P. Bagg, Jr.	5.00	
	Dr. Robert B. Osgood	10.00	
	Dr. Joseph L. Goodale	3.00	
	Dr. George M. Sheahan	5.00	
	Dr. Wilder Tileston	10.00	
	Dr. Henry Lee Morse	25.00	
	Lieut.-Col. H. H. Shaw	5.00	
	Dr. Henry L. Sanford	10.00	
	Dr. Elisha Flagg	25.00	
	Dr. F. H. Davenport	25.00	
	Dr. F. Van Nüys	2.00	
	Dr. Robert M. Green	5.00	
	Drs. E. P. and E. D. Joslin . . .	10.00	
	Dr. R. M. Smith	10.00	
	Dr. Adelbert S. Merrill	5.00	
	Dr. Richard Dexter	15.00	
	Dr. Elliott C. Cutler	10.00	
	Dr. George H. Monks	10.00	
	Carried forward	$2,002.00	$3,964,455.41

Permanent Funds

	Brought forward	$2,002.00	$3,964,455.41
1917	George Wigglesworth	1,000.00	
	Dr. George S. Derby	15.00	
	Dr. John W. Elliot	100.00	
	Mrs. Lewis Agassiz Shaw	4.00	
	Dr. Walter C. Seelye	5.00	
	Dr. Frederick W. Taylor	5.00	
	Dr. Herbert C. Moffitt	100.00	
	Dr. W. F. Whitney	5.00	
	Dr. Hyman Morrison	5.00	
	Dr. Seabury W. Allen	10.00	
	Dr. A. A. Davis	10.00	
	Dr. Walter I. Baldwin	10.00	
	Dr. George K. Sabine	5.00	
	Dr. Theodore J. Eastman	10.00	
	Dr. Henry S. Forbes	10.00	
	Dr. Joseph B. Howland	10.00	
	Dr. James J. Minot	50.00	
	Dr. Marshal Fabyan	100.00	
	Dr. Herbert B. Howard	25.00	
	Dr. Franklin G. Balch	100.00	
	Dr. Horace Binney	10.00	
	Dr. Frances W. Peabody	10.00	
	Dr. Chauncey W. Norton	25.00	
	Dr. William H. Buffum	5.00	
	Dr. James L. Gamble	20.00	
	Dr. Edward L. Young, Jr.	5.00	
	Dr. Augustus Thorndike	250.00	
	Dr. Charles G. Mixter	5.00	
	Dr. Herbert J. Hall	10.00	
	Dr. Lloyd T. Brown	10.00	
	Dr. Charles N. Meader	10.00	
	Dr. W. P. Graves	5.00	
	Dr. Charles S. Butler	25.00	
	Dr. Russell T. Congdon	5.00	
	Dr. Charles Edwin Briggs	25.00	
	Dr. Harvey P. Towle	10.00	
	Dr. John B. Hawes, 2d	10.00	
	Mrs. Mabell Burleigh Chase	35.00	
	Dr. William Jason Mixter	25.00	
	Dr. H. P. Greeley	5.00	
1918	Donation of Dr. D. Crosby Greene	25.00	
	Donation of Alumnæ Association of the Massachusetts General Hospital Training School for Nurses	65.00	
1919	Dr. Mark W. Richardson	50.00	
	Miss Anna Lea	10.00	
	Wallace L. Pierce	100.00	
	Mrs. John C. Gray	100.00	
	Miss J. L. Motley	5.00	
	Mrs. Irma Vonnegut	10.00	
	Dr. Duncan McDougall	50.00	
	Dr. A. C. Nason	70.00	
	Accumulated Income	525.49	
			$5,096.49
	Carried forward		$3,969,551.90

Permanent Funds

	Brought forward		$3,969,551.90

WARREN LIBRARY FUND

Income devoted to Books for Patients

1841	Donation of Dr. J. C. Warren . . .		$1,000.00

TREADWELL LIBRARY FUND

Income devoted to the Library

1857	Bequest of J. G. Treadwell . . .	$5,000.00	
1913	Donation of Richard Olney . . .	100.00	
1914	Donation of Dr. Daniel Fiske Jones .	5.00	
	Donation of Dr. John M. T. Finney	200.00	
1917	Donation of Dr. John W. Elliot . .	1,000.00	
			$6,305.00

WOODEN LEG FUND

1861	Donation — P. K.	$100.00	
	Bequest of N. I. Bowditch	5,000.00	
	George A. Newell Fund	2,500.00	
			$7,600.00

WARREN PRIZE FUND

Income devoted to a Triennial Prize

1868	Bequest of Dr. J. M. Warren . . .	$1,880.00	
	Accumulated interest	3,305.84	
			$5,185.84

SURGICAL INSTRUMENT FUND

Income devoted to Special Surgical Instruments

1870	Donation of Dr. Henry J. Bigelow .	$1,250.00	
1881	Donation of R. M. Moore	100.00	
1889	Donation of Lydia B. and O. A. Taft .	100.00	
	Donation of Chas. S. Bixby . . .	25.00	
1902	Arthur Appleton Beebe Fund . . .	5,000.00	
			$6,475.00

SHATTUCK FUND

Income devoted to Music at Hospital

1894	George C. and Anne H. Shattuck Fund, donation of Dr. Frederick C. Shattuck		$2,000.00

NEW ENDOWMENT FUND

1917	Donation of George R. Agassiz . .	$500.00	
	Donation of Miss Sarah H. Blanchard	500.00	
1918	Donation of George Wigglesworth .	5,000.00	
1919	Donation of Frank G. Webster . .	5,000.00	
	Donation of Mr. and Mrs. Thomas Motley	555.00	
			$11,555.00

Carried forward		$4,009,672.74

Permanent Funds

	Brought forward		$4,009,672.74

SOCIAL SERVICE FUND

1916	Donation of Mrs. Shepherd Brooks .	$15,000.00	
	Bequest of Susan C. Dove	5,000.00	
1917	Donation of Susan P. Atkinson . .	100.00	
1918	Donation of Mrs. Henry P. Kidder .	500.00	
			$20,600.00

FOSTER FAMILY FUND

1918	Donation of C. H. W. Foster . . .	$10,000.00

A permanent fund in the name of the donor. The income to be used to pay the Hospital bills of patients nominated by the donor or his wife. After their decease the power of nomination shall descend in succession to their oldest child living, then grandchild. Thereafter, or in case the line of descent shall cease, the income shall be for the unrestricted uses of the Hospital.

ARTHUR W. BLAKE FUND

A Fund to promote the study and care of nervous diseases.

1918	Donation of Arthur W. Blake . .	$24,697.02

JOHN W. ELLIOT FUND

A Fund for investigation in the science of medicine.

1919	Donation of Dr. John W. Elliot . .	$5,000.00

MEMORIAL FUND TO THE DOCTORS AND NURSES WHO DIED IN THE WAR OF 1917–1918

For Maintenance of Free Beds

Donation through the Ladies' Visiting Committee	$5,000.00
Total Permanent Funds . . .	$4,074,969.76

SPECIAL PURPOSE FUNDS

FREE BED SUBSCRIBERS FOR TEN YEARS

		Unexpired	
Mrs. Charles H. Dalton (1910–1919)	$1,000.00	$0.00	
Frances E. (Cutler) Sprague Fund (1911–1920)	1,000.00	100.00	
Mrs. C. G. Rice (1912–1921)	1,000.00	200.00	
Mrs. W. Scott Fitz (1913–1922)	1,000.00	300.00	
James Longley (1914–1923)	1,000.00	400.00	
Mrs. Louis A. Frothingham (1915–1924)	1,000.00	500.00	
The late Henry R. Dalton (1915–1924)	1,000.00	500.00	
Mrs. Henry S. Grew (1915–1924)	1,000.00	500.00	
Mrs. O. H. Alford (1916–1925)	1,000.00	600.00	
Miss Martha A. Alford (1916–1925)	1,000.00	600.00	
Mr. and Mrs. Shepherd Brooks (1916–1925)	1,000.00	600.00	
Mrs. George D. Howe (1916–1925), Memory of George D. Howe	1,000.00	600.00	
Frank G. Webster (1917–1926)	1,000.00	700.00	
Mrs. Elizabeth Cabot Lyman (1917–1926)	1,000.00	700.00	
The Misses Kimball (1917–1926)	1,000.00	700.00	
Mrs. Anne P. Rice (1918–1927)	1,000.00	800.00	
Miss Mary Weld (1919–1928)	1,000.00	900.00	
Walter Hunnewell (1919–1928)	1,000.00	900.00	
			$9,600.00

NURSES' HOME FUND — McLEAN HOSPITAL

1913	Donation of Miss Elizabeth L. Grant	$1,000.00	
1914	A Friend	40,000.00	
	Sundry Donors (through Mrs. E. Stanley Abbot)	13,679.70	
	Donation of Miss Sara E. Parsons	5.00	
1915	Donation of Miss Louise W. Case	100.00	
	Donation of Sundry Donors (through Mrs. E. Stanley Abbot):		
	Anonymous	16.00	
	Edward B. Field	15.00	
	Mrs. A. H. Hews	25.00	
	Mrs. Charlotte Nichols Greene	10.00	
	Mrs. Isabel B. Richardson	10.00	
1916	A Friend	2,500.00	
	Mrs. Florence N. Putnam	100.00	
	Accumulated Income	17,952.26	
		$75,412.96	
	Expended on Plans, etc.	4,883.54	
			$70,529.42
	Carried forward		$80,129.42

Special Purpose Funds

CHILDREN'S MEDICAL WARD BUILDING FUND

	Brought forward		$80,129.42
1913	Donation of G. S. Talbot . . .	$250.00	
	Accumulated Income	102.09	
			$352.07

TRAINING SCHOOL FOR NURSES' ENDOWMENT FUND

1915	Graduate of School	$200.00	
1915–1919	Miss Louise C. May	90.00	
	Miss Susan L. Mills	5.00	
	Miss Louie W. Wellington	25.00	
1915–1919	Miss Sara E. Parsons	500.00	
	Dr. Benjamin Brown	10.00	
	Graduate of School	1.00	
1916	Miss R. Helen Cleland	200.00	
	A Graduate of 1880	50.00	
1916–1919	Miss Annabella McCrae	145.00	
	Miss Jane F. Riley	100.00	
	Miss Grace Nichols	10.00	
	Mrs. John Bartol	15.00	
	Miss E. W. Allen	2.00	
	Miss Mary F. Emery	12.00	
	Miss Alice C. S. Cushman	5.00	
	Miss Grace Stackpole	15.00	
	Miss Helen B. Fenton	10.00	
	Miss Grace Nichols	100.00	
1916–1918	Miss Frances C. Dailey	12.50	
	Mrs. William S. Ely	1,000.00	
	Mrs. Samuel Cabot	100.00	
1916–1919	Miss Fannie R. Slayton	40.00	
1916–1918	Miss Helen G. O'Dea	4.00	
	Miss Helen T. Niverson	10.00	
1916–1919	Miss V. C. Hall	50.00	
1916–1919	Miss Helen Wood	90.00	
	Miss Harriet J. Allyn	25.00	
	Mrs. Helen A. Wayland Hudson . .	10.00	
	Miss Agnes J. Trull	10.00	
	Miss Alice M. Watson	10.00	
	Mrs. and Miss Alford	200.00	
	Mrs. Jessie E. Grant	10.00	
1916–1919	Miss Eileen R. Curley	15.00	
1916–1918	Miss Charlotte M. Perry	100.00	
	Miss Olga Olson	5.00	
	Miss Josephine Mulville	10.00	
	Miss Ruth C. Blair	5.00	
	Miss Helen M. Finlay	1.00	
	Miss Hannah Ward	10.00	
	Miss Mary L. Keith	100.00	
	Miss Jessie L. Brown	25.00	
	Miss Harriet L. P. Friend	100.00	
	Mrs. Isaac Phillips, in memory of Ethel May Fixter	10.00	
	Miss Rose K. Butler	10.00	
	Carried forward	$3,457.50	$80,481.49

Special Purpose Funds

	Brought forward	$3,457.50	$80,481.49
1916	Miss Mary E. Higson	$10.00	
	Miss Melissa J. Cook	5.00	
	Miss Christina J. McDonald	2.00	
	Miss Anna G. Griffin	5.00	
	Mrs. Oscar Feuerstein	10.00	
	Miss Esther Dart	50.00	
1916–1919	Miss Hannah J. Brierley	35.00	
1916–1919	Miss Alice Scott	70.00	
	Mrs. Frederick A. Driscol	10.00	
	Miss Maria Brown	5.00	
1916–1919	Mrs. Daniel Coakley	204.00	
1916–1919	Mrs. Webster H. Carney	6.50	
	Miss Adele Richardson	10.00	
	Miss Elizabeth P. Hamlen	10.00	
	Mrs. John R. MacKinnon	5.00	
	Miss Mary O. Clark	20.00	
1917	Mrs. Marie A. Sirois	25.00	
	Miss Mary R. Wiggin	25.00	
	Miss Helen Redfern	10.00	
	Mrs. Justin Starkie	5.00	
	Miss Burtella L. Tompkins	5.00	
	Miss Ella M. Tompkins	10.00	
	Miss Blanche M. Craven	10.00	
	Miss Mae G. Rodger	10.00	
	Miss Alice O. Tippett	10.00	
	A Friend, in name of Margaret Russell	100.00	
	A Friend, in memory of Mary Kelley Johanesson	100.00	
	Miss Edith Hinchcliffe	12.00	
	Miss Mary E. McElligot	10.00	
	Dr. E. Lawrence Oliver	10.00	
	Miss Eunice A. Smith	25.00	
	Miss Myra A. Whitney	5.00	
	Miss Carrie M. Hall	50.00	
	Mrs. Amelia S. Crane	102.00	
1917–1918	Miss Frances P. West	60.00	
	Miss Edith F. Moulton	10.00	
	Miss Laura E. Currier	12.00	
	Mrs. Henry D. Evans	5.00	
1917–1918	Mrs. George H. Rogers	20.00	
	Miss Hilda George	100.00	
1917–1919	Miss Annie H. Smith	50.00	
1917–1919	Miss Winifred H. Brooks	50.00	
1918–1919	Donation of Mrs. Arthur E. Hudson	20.00	
	Donation of Miss Irene W. Mason	25.00	
	Donation of F. L. Higginson	42.62	
	Donation of Miss Honora Fitzpatrick	25.00	
	Donation of Miss Mary G. Ely	50.00	
	Donation of Miss Augusta C. Ely	50.00	
	Donation of Arthur A. Cary	10.00	
	Donation of Miss Grace M. Neal	50.00	
1919	Mrs. Mabel Morse Hardy	100.00	
	Miss Elspeth S. Campbell	10.00	
	Carried forward	$5,128.62	$80,481.49

Special Purpose Funds

	Brought forward	$5,128.62	$80,481.49
	The Nurses' Aides of the Massachusetts General Hospital	$80.00	
	Accumulated Income	867.56	
			$6,076.18
	BOWDITCH HISTORY FUND		
	Income and principal devoted to the Publication of a History of the Hospital		
1861	Bequest of N. I. Bowditch . . .		$2,000.00
	Total Special Purpose Funds .		$88,557.67

GENERAL FUND

1811	Commonwealth of Massachusetts, Province House Estate		$40,000.00
	Cutting stone for Hospital		35,070.27
1811–1843	Subscribers for Foundation		
	Benjamin and Caleb Adams	$100.00	
	Joseph Allen	100.00	
	Hannah R. Amory	100.00	
	John Amory	200.00	
	Jonathan Amory	200.00	
	Ebenezer T. Andrews	300.00	
	Nathan Appleton	500.00	
	Samuel Appleton	2,000.00	
	William Appleton, for himself	100.00	
	William Appleton, for an unknown	200.00	
	Samuel T. Armstrong	100.00	
	Nathaniel Austin	100.00	
	Adam Babcock	300.00	
	Baker, Brown, and Co.	100.00	
	Aaron Baldwin	110.00	
	Charles Barnard	100.00	
	John Bartlett	100.00	
	Thomas Bartlett	300.00	
	Stephen Bean	100.00	
	Jeremiah Belknap	100.00	
	John Belknap	100.00	
	John Bellows	100.00	
	Amos Binney	300.00	
	John Bishop	100.00	
	George Blake	100.00	
	George Bond	180.00	
	Boott, Kirk, and Sons	300.00	
	Mary Boott	300.00	
	Charles Bradbury	100.00	
	Gamaliel Bradford	100.00	
	Joseph P. Bradlee	100.00	
	Josiah Bradlee	200.00	
	Thomas D. Bradlee	100.00	
	Nathan Bridge	100.00	
	Andrew Brimmer	100.00	
	John Brooks	100.00	
	Peter C. Brooks	2,000.00	
	Moses Brown	100.00	
	Samuel Brown	100.00	
	John Bryant	100.00	
	Thomas Bumstead	125.00	
	Benjamin Bussey	1,000.00	
	George Cabot	100.00	
	John Cabot	150.00	
	Sarah and Susan Cabot	100.00	
	Carried forward	$11,365.00	$75,070.27

General Fund

	Brought forward	$11,365.00	$75,070.27
1811–1843	William Cabot	100.00	
	Francis Carnes	200.00	
	Richard Chamberlain	100.00	
	Walter Channing	100.00	
	William E. Channing	100.00	
	Henry Chapman	100.00	
	Town of Chelsea	145.42	
	David W. Child	100.00	
	Samuel Cobb	200.00	
	William Cochran	100.00	
	Charles R. Codman	100.00	
	Margaret Coffin (and Ann Smith)	100.00	
	Collections in Ward 4	340.00	
	Collections in Ward 10	373.00	
	Joseph Coolidge	2,000.00	
	Joseph Coolidge, Jr.	1,000.00	
	Thomas Cordis	100.00	
	Uriah Cotting	100.00	
	Allen Crocker	100.00	
	Benjamin W. Crowninshield	200.00	
	George Crowninshield	500.00	
	Thomas Curtis	100.00	
	John P. Cushing	5,000.00	
	Thomas Cushing, a share in Exchange Coffee House, worth	300.00	
	William Dall	100.00	
	Benjamin Dana	100.00	
	Nathan Dane	200.00	
	Amasa Davis	100.00	
	A. and C. Davis	150.00	
	Charles Davis	100.00	
	Daniel Davis	100.00	
	Eleanor Davis	200.00	
	Joshua Davis	100.00	
	William Davis	150.00	
	Thomas Dawes	100.00	
	H. A. S. Dearborn	150.00	
	P. P. F. Degrand	175.00	
	Thomas Dennie	100.00	
	John Derby	300.00	
	Richard Derby	100.00	
	Richard C. Derby	300.00	
	Humphrey Devereux	100.00	
	Aaron Dexter	100.00	
	Katharine Dexter	100.00	
	Pickering Dodge	300.00	
	John Dorr	110.00	
	Samuel Dorr	100.00	
	Catherine Eliot	200.00	
	John S. Ellery	100.00	
	David Ellis	100.00	
	Samuel Endicott	100.00	
	Otis Everett	100.00	
	Exhibition of Mummy	1,257.87	
	Samuel Fales	100.00	
	Ebenezer Farley	125.00	
	Carried forward	$28,341.29	$75,070.27

General Fund

	Brought forward	$28,341.29	$75,070.27
1811–1843	Female Association	753.08	
	Joseph Field	100.00	
	Joshua Fisher	100.00	
	Simon Forrester	2,000.00	
	Ebenezer Francis	200.00	
	John French	100.00	
	French and Weld	120.00	
	Robert H. Gardiner	200.00	
	Samuel P. Gardiner	100.00	
	Abraham Gibson	100.00	
	Nathaniel Goddard	200.00	
	John Gore	200.00	
	Francis C. Gray	100.00	
	Henry Gray	1,000.00	
	Horace Gray	1,000.00	
	John C. Gray	100.00	
	John C. Gray	300.00	
	William Gray	500.00	
	Gardiner Greene, $1,000 in three per cents	650.00	
	David Greenough	200.00	
	David S. Greenough	200.00	
	Dudley Hall	200.00	
	Samuel Hammond	200.00	
	John Hancock	200.00	
	Harvard College	213.32	
	Lemuel Hayward	100.00	
	Joseph Head	1,000.00	
	Joseph Head, Jr.	100.00	
	Augustine Heard	100.00	
	Barnabas Hedge	150.00	
	David Hinckley	1,000.00	
	Hingham, Third Parish	504.44	
	John Holland	200.00	
	Benjamin P. Homer	100.00	
	Henry Homes	100.00	
	John Howe	100.00	
	Henry Hubbard	100.00	
	John Hubbard	200.00	
	Humane Society of Massachusetts	5,140.56	
	Humane Society (Merrimack)	2,000.00	
	Jonathan Hunnewell	100.00	
	John Hurd	100.00	
	Joseph Hurd	200.00	
	Charles Jackson	400.00	
	James Jackson	420.00	
	Patrick T. Jackson	220.00	
	Samuel Jacques, Jr.	100.00	
	John Coffin Jones	500.00	
	Thomas Kilby Jones	200.00	
	Abigail Joy and family	300.00	
	Benjamin Joy	250.00	
	John Kidder, Jr.	100.00	
	Josiah Knapp	100.00	
	Seth Knowles	100.00	
	William Lambert	100.00	
	Amos and Abbott Lawrence	200.00	
	Carried forward	$51,662.69	$75,070.27

General Fund

	Brought forward	$51,662.69	$75,070.27
1811–1843	William Lawrence	100.00	
	Francis Lee	100.00	
	George Lee	150.00	
	Joseph Lee	300.00	
	Thomas Lee, Jr.	100.00	
	Winslow Lewis	100.00	
	Lincoln and Wheelwright	100.00	
	James Lloyd	1,000.00	
	Caleb Loring	100.00	
	Francis C. Lowell	400.00	
	John Lowell	450.00	
	George W. Lyman	150.00	
	Theodore Lyman	2,000.00	
	Theodore Lyman, Jr.	150.00	
	Josiah Marshall	100.00	
	Massachusetts Charitable Fire Society	900.00	
	Perrin May	100.00	
	Samuel May	100.00	
	Samuel R. Miller	100.00	
	William Minot	100.00	
	John Morse	100.00	
	Thomas Motley	100.00	
	Israel Munson	1,000.00	
	Caleb Oakes	100.00	
	John Odin	200.00	
	George Odiorne	100.00	
	Joseph Orne	200.00	
	Samuel Orne	200.00	
	John Osborn	200.00	
	H. G. Otis	500.00	
	Daniel P. Parker	500.00	
	John Parker	500.00	
	Samuel Parkman	2,000.00	
	Samuel Parkman, Jr.	200.00	
	Nehemiah Parsons	200.00	
	William Parsons	1,500.00	
	M. Payne	100.00	
	William Payne	100.00	
	Joseph Peabody	2,000.00	
	James Perkins	5,000.00	
	Samuel G. Perkins	100.00	
	Thomas H. Perkins	5,000.00	
	John Perry	100.00	
	John Phillips	100.00	
	Jonathan Phillips	100.00	
	Stephen Phillips	200.00	
	William Phillips, including $5,000 legacy of his father	20,000.00	
	Henry Pickering	100.00	
	Benjamin Pickman, Jr.	1,000.00	
	Dudley L. Pickman	150.00	
	William Pickman	300.00	
	Paschal P. Pope	100.00	
	John Pratt	135.00	
	William Pratt	400.00	
	William Prescott	150.00	
	Carried forward	$100,997.69	$75,070.27

General Fund

	Brought forward	$100,997.69	$75,070.27
1811–1843	James Prince	250.00	
	John Prince	200.00	
	Josiah Quincy	200.00	
	Isaac Rand	100.00	
	John Randall	100.00	
	John T. Reed	100.00	
	Joseph W. Revere	100.00	
	Paul Revere	100.00	
	Henry G. Rice	100.00	
	Benjamin Rich	300.00	
	John Richards	100.00	
	Andrew Ritchie	500.00	
	Nathan Robinson	200.00	
	Daniel D. Rogers	1,000.00	
	William Ropes	150.00	
	Nathaniel P. Russell	500.00	
	Samuel Salisbury	500.00	
	Samuel Salisbury, Jr.	100.00	
	Samuel Sanford	300.00	
	Daniel Sargent	200.00	
	Ignatius Sargent	400.00	
	William Sawyer	100.00	
	David Sears	5,000.00	
	Joseph Sewall	500.00	
	Robert G. Shaw	500.00	
	Michael Shepherd	100.00	
	William Shimmin	100.00	
	Nathaniel Silsbee	100.00	
	John Skinner	100.00	
	Barney Smith	400.00	
	Samuel Snelling	100.00	
	Washington Benevolent Society, Charlestown Branch	200.00	
	Hollis-street Society	148.05	
	First Church Society	100.67	
	King's Chapel Society	114.44	
	West Church Society	190.06	
	Roman Catholic Society	100.40	
	First Parish Society, Dorchester	168.48	
	Dr. Bancroft's Society, Worcester	140.60	
	Dr. Pierce's Society, Brookline	173.38	
	John Soley	100.00	
	Samuel Spear	100.00	
	Phineas Spelman	100.00	
	William Spooner	100.00	
	Francis Stanton	100.00	
	Russell Sturgis	200.00	
	William Sturgis	100.00	
	George Sullivan	200.00	
	Richard Sullivan	400.00	
	William Sullivan	200.00	
	John Tappan	350.00	
	Lewis Tappan	100.00	
	Charles Taylor	300.00	
	Boston Theatre	1,190.00	
	Abraham Thompson	100.00	
	Israel Thorndike	2,000.00	
	Carried forward	$120,473.77	$75,070.27

General Fund

	Brought forward	$120,473.77	$75,070.27
1811–1843	Israel Thorndike, Jr.	100.00	
	Joseph Tilden	100.00	
	Catherine Torrey	200.00	
	John G. Torrey	100.00	
	Samuel Torrey	100.00	
	Abraham Touro	300.00	
	George Trott	100.00	
	Gideon Tucker	200.00	
	Richard D. Tucker	100.00	
	Edward Tuckerman	100.00	
	Edward Tuckerman, Jr.	500.00	
	William and Gustavus Tuckerman	100.00	
	Town of Concord	200.00	
	Town of Malden	193.80	
	Cotton Tufts	135.00	
	Nathan Tufts	100.00	
	Phineas Upham	100.00	
	Vose, Coates, and Co.	100.00	
	Daniel Waldo	200.00	
	Thomas B. Wales	100.00	
	Timothy Walker	150.00	
	William J. Walker	400.00	
	Artemas Ward	100.00	
	Nahum Ward	100.00	
	Thomas W. Ward	150.00	
	William Ward	100.00	
	John C. Warren	400.00	
	Redford Webster	153.00	
	Francis Welch	200.00	
	Benjamin Weld	500.00	
	John Welles	300.00	
	Nathaniel West	1,000.00	
	Eliza Wetmore	200.00	
	Elisha Wheeler	100.00	
	Moses Wheeler	100.00	
	James White	300.00	
	Asa Whitney	100.00	
	Benjamin Wiggin (Exhibition of Picture)	1,604.07	
	Thomas Wigglesworth	200.00	
	Eliphalet Williams	100.00	
	John D. Williams	1,000.00	
	Moses Williams	100.00	
	Samuel G. Williams	100.00	
	Thomas Williams	100.00	
	Timothy Williams	100.00	
	Amasa Winchester	100.00	
	Edmund Winchester	100.00	
	Thomas L. Winthrop	100.00	
	John Wood	100.00	
	Sundry subscribers, less than $100	15,332.91	146,992.55
1813	John Lucas		900.00
1819	Polly Russell		400.00
1820	Samuel Eliot		10,000.00
	Beza Tucker		5,350.00
1822	Seth Webber		1,000.00
1823	Abraham Touro		10,000.00
	Carried forward		$249,712.82

General Fund

	Brought forward		$249,712.82
1824–1835	John McLean		119,858.20
1826	Thomas Oliver		22,438.70
	Allan Crocker		100.00
1829	James Savage		100.00
1831–1849	Isaiah Thomas		6,370.33
1832–1833	Mary Belknap		89,882.60
1834	Jonathan Moseley		753.46
1836	Susan Richardson		250.00
1838	Ambrose S. Courtis		2,500.00
1841	Peter Westerfield		165.67
1844	Subscribers for Enlargement of Hospital		
	Charles Amory	$500.00	
	James S. Amory	250.00	
	William Amory	500.00	
	Ebenezer T. Andrews	1,000.00	
	Nathan Appleton	1,000.00	
	Samuel Appleton	2,000.00	
	Samuel A. Appleton	100.00	
	William Appleton	2,000.00	
	Samuel T. Armstrong	100.00	
	Edward Austin	100.00	
	Richard Aylwin	100.00	
	Daniel C. Bacon	100.00	
	Benjamin Bangs	200.00	
	Charles Barnard	500.00	
	Francis Bassett	100.00	
	John D. Bates	250.00	
	Amos Binney	200.00	
	Mrs. Joshua Blake	200.00	
	Edward Blanchard	500.00	
	William H. Boardman	100.00	
	J. Ingersoll Bowditch	100.00	
	N. I. Bowditch	500.00	
	Dwight Boyden	100.00	
	Josiah Bradlee	1,000.00	
	James B. Bradlee	200.00	
	Martin Brimmer	500.00	
	P. C. Brooks	2,000.00	
	P. C. Brooks, Jr.	500.00	
	John Bromfield	100.00	
	John Bryant, Jr.	250.00	
	Henry Cabot	200.00	
	Thomas G. Cary	100.00	
	Carney and Sleeper	100.00	
	Caleb Chase	200.00	
	Eben Chadwick	500.00	
	Abiel Chandler	100.00	
	Jonas Chickering	500.00	
	Charles R. Codman	100.00	
	Edward Codman & Co.	100.00	
	Henry Codman	100.00	
	Gardner Colby	100.00	
	B. W. Crowninshield	300.00	
	A. and C. Cunningham	100.00	
	Charles P. Curtis	100.00	
	Thomas B. Curtis	100.00	
	Carried forward	$17,750.00	$492,131.78

General Fund

	Brought forward	$17,750.00	$492,131.78
1844	Peter R. Dalton	100.00	
	Samuel Dana	100.00	
	John James Dixwell	100.00	
	J. W. Edmands	200.00	
	Samuel A. Eliot	500.00	
	Moses Everett	100.00	
	Samuel Fales	200.00	
	Richard Fletcher	100.00	
	John M. Forbes	100.00	
	Ebenezer Francis	1,000.00	
	George Gardner	100.00	
	John L. Gardner	1,000.00	
	John Goodenough	100.00	
	Benjamin Goddard	500.00	
	Ozias Goodwin	500.00	
	Francis C. Gray	500.00	
	Horace Gray	300.00	
	John C. Gray	1,000.00	
	Samuel C. Gray	100.00	
	William Gray	100.00	
	Elizabeth C. Greene	500.00	
	Sarah Greene	1,000.00	
	David S. Greenough	100.00	
	Henry Hall	100.00	
	George Hallett	200.00	
	George Hayward	100.00	
	Nathaniel Hooper	100.00	
	Robert Hooper	250.00	
	Robert C. Hooper	100.00	
	Samuel Hooper	250.00	
	George Howe	500.00	
	Jabez C. Howe	200.00	
	Iasigi and Goddard	100.00	
	P. T. Jackson	100.00	
	James Johnson	100.00	
	Samuel Johnson	100.00	
	Abigail Joy	100.00	
	Abel Kendall, Jr.	100.00	
	George H. Kuhn	100.00	
	Lane and Reed	100.00	
	Abbott Lawrence	2,000.00	
	Amos Lawrence	1,000.00	
	Amos A. Lawrence	100.00	
	William Lawrence	1,000.00	
	Lawrence and Stone	500.00	
	George Lee	1,000.00	
	Thomas Lee	500.00	
	Isaac Livermore	100.00	
	Elijah Loring	100.00	
	Francis C. Loring	100.00	
	John J. and Francis Low	100.00	
	Francis C. Lowell	500.00	
	John A. Lowell	1,000.00	
	Charles Lyman	500.00	
	George W. Lyman	500.00	
	Theodore Lyman	1,000.00	
	John Marland	100.00	
	Carried forward	$38,750.00	$492,131.78

General Fund

	Brought forward	$38,750.00	$492,131.78
1844	Robert M. Mason	100.00	
	William P. Mason	500.00	
	Charles H. Mills	100.00	
	Milton and Slocumb	100.00	
	Benjamin R. Nichols	100.00	
	William Oliver	100.00	
	William F. Otis	100.00	
	Daniel P. Parker	500.00	
	James Parker	500.00	
	John Parker	1,000.00	
	George Parkman	150.00	
	William Parsons	100.00	
	William P. Perkins	100.00	
	Edward D. Peters	100.00	
	William Phipps	100.00	
	C. Gayton Pickman	100.00	
	Paschal P. Pope	500.00	
	Mary Pratt	500.00	
	William Prescott	500.00	
	William H. Prescott	100.00	
	Samuel R. Putnam	100.00	
	Josiah Quincy, Jr.	1,000.00	
	Joseph W. Revere	100.00	
	Rice and Thaxter	100.00	
	Richardson, Jeffrey, and Brother	100.00	
	Edward H. Robbins	100.00	
	Henry B. Rogers	500.00	
	James D. Russell	100.00	
	Richardson, Burrage, and Co.	100.00	
	Stephen Salisbury	500.00	
	Ignatius Sargent	1,000.00	
	Lucius M. Sargent	100.00	
	James Savage	100.00	
	Willard Sayles	500.00	
	David Sears	2,000.00	
	R. G. Shaw	1,000.00	
	Francis Skinner	250.00	
	Josiah Stickney	100.00	
	Charles Stoddard	100.00	
	William Sturgis	1,000.00	
	John E. Thayer	500.00	
	Nathaniel Thayer	100.00	
	Joseph Tilden	100.00	
	Henry Timmins	500.00	
	Phineas Upham	1,000.00	
	Daniel Waldo and sister	200.00	
	Thomas B. Wales	1,000.00	
	William J. Walker	200.00	
	Waterston, Pray, and Co.	100.00	
	John C. Warren	500.00	
	John Welles	500.00	
	Thomas Wetmore	100.00	
	William F. Whitney	100.00	
	Edward Wigglesworth	100.00	
	Thomas Wigglesworth	300.00	
	John D. Williams	2,000.00	
	Carried forward	$60,250.00	$492,131.78

General Fund

	Brought forward	$60,250.00	$492,131.78
1844	Moses Williams	100.00	
	Sundry subscribers, less than $100	2,100.00	
			62,450.00
	Moses Everett		116.00
	Israel Munson		20,000.00
1844–1866	Mrs. E. G. Everett		475.00
1845	William Russell		100.00
	John Brown		100.00
1847–1849	Sarah Clough		601.16
1851	Elizabeth Salisbury		4,000.00
1852	James Ingersoll		2,000.00
1854	Judah Touro		10,000.00
1855	William Appleton		20,000.00
	Elizabeth Pratt		20,000.00
1856	Subscribers for Brick Fence:		
	Nathan Appleton	$500.00	
	William Appleton	500.00	
	Josiah Bradlee	500.00	
	P. C. Brooks	250.00	
	John P. Cushing	250.00	
	Jonathan Phillips	500.00	
	David Sears	500.00	
	William Sturgis	250.00	
			3,250.00
1857	William Pickman		4,000.00
	Ellison Lassell		6,888.60
1858	Agnes Austin		7,500.00
1858–1879	M. P. Sawyer		119,687.93
1859	George Hills		1,000.00
1860	William I. Bowditch		274.25
1861	J. Poland		15.00
	J. Bowdoin Bradlee		500.00
1863	Subscribers for Cottage for Males at Asylum:		
	William Amory	$500.00	
	Francis Bacon	500.00	
	William B. Bacon	250.00	
	Benjamin E. Bates	1,000.00	
	John Ballard	300.00	
	James M. Beebe	2,000.00	
	Mrs. Nath. I. Bowditch	5,000.00	
	J. Bowdoin Bradlee	500.00	
	Gardner Brewer	2,000.00	
	Martin Brimmer	1,000.00	
	Peter C. Brooks	1,000.00	
	William S. Bullard	2,000.00	
	J. Amory Davis	500.00	
	J. Edgerton	1,000.00	
	J. Wiley Edmands	500.00	
	Joseph S. Fay	500.00	
	John C. Gray	1,000.00	
	Mrs. Henry Grew	300.00	
	George Higginson	500.00	
	Robert Hooper	250.00	
	George Howe	1,000.00	
	Jabez C. Howe	1,000.00	
	Peter Hubbell	500.00	
	Carried forward	$23,100.00	$775,089.72

General Fund

	Brought forward	$23,100.00	$775,089.72
1863	H. H. Hunnewell	1,000.00	
	Miss Anna P. Jones	400.00	
	James Lawrence	1,000.00	
	Abbott Lawrence	1,000.00	
	Charles Lyman	300.00	
	George W. Lyman	500.00	
	Robert M. Mason	500.00	
	Ex'rs of Henry P. Oxnard	500.00	
	J. W. Paige	500.00	
	Benjamin T. Reed	250.00	
	George C. Richardson	1,000.00	
	Henry B. Rogers	1,000.00	
	David Sears	1,000.00	
	G. Howland Shaw	1,000.00	
	Francis Skinner	1,000.00	
	Henry P. Sturgis	500.00	
	William Sturgis	1,000.00	
	Nathaniel Thayer	3,000.00	
	George W. Wales	500.00	
	Miss Mary Anne Wales	500.00	
	William F. Weld	1,000.00	
	B. C. White	300.00	
	Joseph Whitney	500.00	
	Misses Wigglesworth	1,000.00	
	Edward Wigglesworth	500.00	
	Thomas Wigglesworth	300.00	
	Moses Williams	1,000.00	
	J. Huntington Wolcott	300.00	
			44,450.00
	Elizabeth Hill		237.50
1864	William S. Bullard		800.00
	William Oliver		57,760.04
1865	Hannah F. Lee		1,000.00
	William Minot		100.00
	Stephen Salisbury		5,000.00
	Edward Whitney		5,000.00
	Edward Wigglesworth		1,000.00
1866	Subscribers in Aid of Funds		
	William Amory	$250.00	
	William T. Andrews	500.00	
	Charles H. Appleton	500.00	
	Nathan Appleton, Jr.	250.00	
	Thomas G. Appleton	1,000.00	
	William Appleton, Jr.	500.00	
	William S. Appleton	500.00	
	Anonymous, by W. S. B.	500.00	
	Francis Bacon	500.00	
	James M. Beebe	5,000.00	
	George B. Blake	100.00	
	John Borland	300.00	
	Boston Stock Exchange Board	1,000.00	
	Mrs. N. I. Bowditch	5,000.00	
	F. H. and J. B. Bradlee	500.00	
	Martin Brimmer	1,000.00	
	Edward Brooks	500.00	
	Peter C. Brooks	1,000.00	
	Peter C. Brooks, Jr.	1,000.00	
	Carried forward	$19,900.00	$890,437.26

General Fund

	Brought forward	$19,900.00	$890,437.26
1866	Shepherd Brooks	1,000.00	
	William S. Bullard	5,000.00	
	Edward A. Codman	500.00	
	Caleb A: Curtis	100.00	
	Greely S. Curtis	500.00	
	John G. Cushing	500.00	
	Robert M. Cushing	500.00	
	Thomas F. Cushing	500.00	
	Otis Daniels	500.00	
	Isaac Warren Danforth	500.00	
	F. Gordon Dexter	500.00	
	Albert Fearing	500.00	
	Augustus Flagg	100.00	
	William H. Gardiner	250.00	
	George Gardner	300.00	
	Henry J. Gardner	500.00	
	John L. Gardner	5,000.00	
	Joseph B. Glover	300.00	
	The Misses Eliza and Lucy Goodwin	500.00	
	Mrs. Henry Grew	500.00	
	Andrew T. Hall	100.00	
	Augustine Heard	250.00	
	Mrs. Augustus Hemenway	1,000.00	
	George Higginson	250.00	
	Robert Hooper	200.00	
	C. F. Hovey & Co.	1,000.00	
	George Howe	1,000.00	
	Jabez C. Howe	2,000.00	
	Thomas Howe	250.00	
	Horatio H. Hunnewell	2,000.00	
	Iasigi, Goddard, & Co.	500.00	
	Herman B. Inches	250.00	
	Abbott Lawrence	500.00	
	Amos A. Lawrence	500.00	
	James Lawrence	1,000.00	
	James L. Little	1,000.00	
	Mrs. John E. Lodge	300.00	
	Francis C. Lowell	250.00	
	John Amory Lowell	1,000.00	
	George W. Lyman	1,000.00	
	Theodore Lyman	200.00	
	Robert M. Mason	1,000.00	
	William P. Mason	500.00	
	Theodore Matchett	200.00	
	Nathan Matthews	200.00	
	James McGregor	250.00	
	Charles H. Minot	100.00	
	George R. Minot	200.00	
	Enoch R. Mudge	1,000.00	
	Charles Merriam	250.00	
	E. Francis Parker	100.00	
	John Brooks Parker	500.00	
	Samuel R. Payson	1,000.00	
	William Perkins	500.00	
	Andrew Pierce, Jr.	100.00	
	Miss Sarah P. Pratt	1,000.00	
	Miss Mary Pratt	1,000.00	
	Carried forward	$60,400.00	$890,437.26

General Fund

	Brought forward	$60,400.00	$890,437.26
1866	Jeffrey Richardson	1,000.00	
	Henry B. Rogers	1,000.00	
	George C. Shattuck	500.00	
	Francis Skinner & Co.	2,000.00	
	Henry P. Sturgis	500.00	
	Samuel W. Swett	250.00	
	Nathaniel Thayer	25,000.00	
	William Thomas	100.00	
	Mrs. William Thomas	100.00	
	Mrs. William W. Wadsworth	500.00	
	Miss M. A. Wales	300.00	
	William G. Weld	250.00	
	George D. Welles	100.00	
	Miss Susan J. Welles	500.00	
	Miss Jane Welles	500.00	
	Benjamin C. White	200.00	
	Joseph Whitney	500.00	
	Miss Anne Wigglesworth	1,000.00	
	Miss Mary Wigglesworth	1,000.00	
	Edward Wigglesworth	1,000.00	
	Thomas Wigglesworth	1,000.00	
	Moses Williams	3,000.00	
	Robert C. Winthrop	100.00	
			100,800.00
	Rev. Mr. Spaulding		500.00
	Rev. S. M. Worcester		1,900.00
	F. N. Mitchell		67.50
1867	Sarah Pratt		18,800.00
	Charles Harris		1,000.00
	J. Mason Warren		2,000.00
1868	Abigail Loring		38,901.67
	St. Stephens Chapel		2,000.00
	Morrill Wyman		200.00
1870	Amateur Dramatic Association		450.00
	H. J. Bigelow		500.00
1871	Sidney Homer		1,000.00
1871–1917	Massachusetts Hospital Life Insurance Co.		410,000.00
1874–1886	Hospital Sunday		10,798.28
1875	Miss M. C. Bryant		500.00
1877–1883	Charlotte Harris		274,457.33
1877	Elizabeth Powers		3,000.00
1878	Edward Blanchard		3,000.00
1879	J. T. Coolidge		100.00
	Margaret Tucker		49.63
	Miss Marian Hovey		1,000.00
	Henry S. Hovey		1,000.00
	Mrs. John T. Morse, Jr.		1,000.00
1880	F. James		846.07
1881	John C. Gray		25,000.00
	Thomas D. Quincy		1,000.00
	E. R. Mudge		1,000.00
	Sir Moses Montefiore		5.97
1882	Mary Pratt		20,000.00
	Miss Mary Wigglesworth		5,000.00
	G. H. Gay Fund		25,000.00
	Edwin Fiske		50.00
1883	Jerome G. Kidder		25,000.00
	Carried forward		$1,866,363.71

General Fund

	Brought forward	$1,866,363.71
1884	Amasa Guild	40.00
	Thomas G. Appleton	5,000.00
1885	A. W. Folsom	125.00
	Dr. Francis P. Hurd	10,030.56
	John Wilson	13,600.00
1887	E. W. Hooper	1,500.00
1888–1898	Helen C. Bradlee	75,000.00
1888	Mrs. Eliot Hubbard	1,000.00
	Francis C. Balch	50.00
1891	Abraham Goldsmid	150.00
	Joseph Schofield	3,000.00
	Anne Wigglesworth	5,000.00
	Augustus L. Case	500.00
	Mrs. J. S. Cabot	50.00
1892	Elizabeth B. Bowditch	5,000.00
1893–1894	George A. Gardner	50,000.00
1893–1919	Anna S. C. Prince	16,600.00
1894	Henry P. Kidder	10,000.00
1895	George W. Ellis	50.00
	Benefit Performance — Henry Irving	884.25
	Henry C. Hutchins	2,000.00
	Walter Hunnewell	1,000.00
1897	Louisa C. Palfrey	2,000.00
	Ellen Flint	28.86
1897–1901	Mary B. Turner	2,580.61
1897	Ellen F. Mason	1,000.00
	E. B. Bush	50.00
	J. W. Quimby	50.00
1898–1919	Henry L. Pierce	802,100.00
1898–1905	Subscribers to Eliot Chapel	33,220.07
1898	Thomas E. Proctor	145,000.00
	A. C. Slater	1,000.00
	Thomas F. Wyman	119,720.41
1899	Otis E. Weld	1,063.50
1900–1908	J. Putnam Bradlee	243,391.24
1900	Robert C. Billings	50,000.00
	Francis E. Bangs	2,000.00
	Daniel Sharp Ford	7,000.00
1901–1906	Robert Henry Eddy	56,788.00
1901–1913	Mrs. John B. Tileston	505.00
1901	Euphemia Millar	2,557.74
	Robert Codman	5,000.00
1902	Mrs. S. D. Warren	20,000.00
	Edward I. Brown	10,000.00
	Mrs. Elizabeth L. Wyman	250.00
	George Gardner	1,000.00
	Mrs. Nathaniel Thayer	1,000.00
	Edward F. Daland	1,000.00
	Children of Mrs. Henry Winsor (Phila.)	1,000.00
1903–1908	William S. Dexter	5,000.00
1903	C. H. W. Foster	500.00
	Jacob Hecht	500.00
	Merchants' & Miners' Transportation Co.	50.00
	Sarah A. Matchett	1,000.00
1904–1905	Charles H. Hayden	102,133.33
	Carried forward	$3,685,432.28

General Fund

	Brought forward	$3,685,432.28
1904–1907	Thomas Wigglesworth	15,000.00
1904	Mrs. Alice B. Chase	1,000.00
	Harriet O. Cruft	2,000.00
	Mrs. Henry Lee	2,000.00
1905	Mrs. William Caleb Loring	100.00
	Ellen V. Smith	50.00
	J. H. T. Adams	58,256.46
	Edward W. Codman	303,073.91
	Mr. and Mrs. Henry S. Grew	1,000.00
1906	Mrs. H. Kuhn	50.00
	Desmond FitzGerald	25.00
	Laura M. Moore	2,500.00
	Martin Brimmer	20,000.00
	William Bolton	555.22
	Edward Woodman	1,000.00
	Henry L. Higginson	1,000.00
	Mrs. George D. Howe	1,000.00
1907	Charles E. French	10,000.00
	Mrs. J. J. Storrow	25.00
1907–1912	Henry B. Mulliken	113,424.21
1907–1915	Georgina Lowell	170.00
1907	William Amory	50.00
	Alice M. Longfellow	5.00
	Mrs. R. G. Shaw	50.00
1907–1914	William P. Blake	250.00
1907	Anna Dehon Blake	25.00
1908–1915	Philip S. Sears	125.00
1908–1911	Mrs. B. L. Young	75.00
1908–1918	Charles W. Hubbard	375.00
1908	Mrs. John H. Sturgis	10.00
	Subscribers to Orthopedic Ward	38,577.72
	Luther Farnham	466.63
1909	Cash	1.00
	C. O. Brewster	12.00
	George F. Parkman	50,000.00
	J. P. Reynolds, Jr.	50.00
1909–1915	Francis Skinner	12,000.00
1910	T. C. Thatcher	25.00
	Howard Child	25.00
	George W. Boyd	2,000.00
	Mrs. Frances R. Jones	35.00
1910–1911	Charity Contest — Henry Siegel Co.	30.00
1910	Mrs. G. W. W. Dorr	25.00
	Ellen T. Emerson	10.00
	William J. Cheever	8,116.95
1910–1913	John E. Atkins	89,420.68
1910	George Dexter	10,000.00
	Mrs. Frederick C. Shattuck	300.00
	R. M. Burden	50.00
1910–1916	Lucy F. Simmons	5,007.04
1911–1919	Miss M. L. Blake	105.00
1911	John Ashton	22,176.47
	E. C. Lee	500.00
	Vicomtesse Treilhard	400.00
	Harvey H. Baker	10.00
	Lionel Norman	9.00
	Dr. Frederick C. Shattuck	200.00
	Carried forward	$4,458,179.57

General Fund

	Brought forward		$4,458,179.57
1911	Estate of Joseph G. Dalton, by A. P. Loring		1,000.00
	Thomas J. Knudsen		4.00
1912–1916	Mrs. Edwin S. Webster		100.00
1912	Dorothy King and Olivia Churchill		1.00
	Victor Govignon		50.00
	Pedro Tosea		10.00
	Dr. E. M. Vrooman		10.00
	Drs. Wasener and Tongs		40.00
	Paul W. Reimer		1.00
	Josephine Pitman		2.00
	Rosamond Clark		2.00
	Oliver S. Roberts		3.00
	Henry H. Hills		100.00
	Clara Barton Fund		3,241.00
1913–1917	F. Hunnewell, 2d		110.00
1913	Edward W. Grew		20.00
	Mr. Countway		1.00
1913–1916	I. Tucker Burr		75.00
1913	Charles T. Lovering		30.00
	A former Out-Patient		2.00
	Miss Mary Thomas		10.00
	Francis I. Amory		100.00
1913–1919	Mrs. Harcourt Amory		350.00
1913	Mrs. Peter C. Brooks		50.00
1913–1919	Mrs. Stephen S. FitzGerald		60.00
1913–1914	Frank E. Langley		30.00
1913	Josef Henrik Johnsan		5.00
	A friend		25.00
1913–1919	Humane Society of Commonwealth of Massachusetts		2,700.00
1913	Mr. and Mrs. F. A. Eustis		10.00
	Mrs. Henry S. Grew		1,000.00
1913–1914	Mehitable C. C. Wilson		543.75
1913	Anonymous		2.00
	Mrs. F. A. Eustis		10.00
	Theodore Mendelstein		5.00
	The Ninety-Five Sewing Circle		20.00
	Rosa A. Mulrey		1.00
	Miss Marjorie R. van Wickle		50.00
	Mrs. W. Scott Fitz		1,000.00
	Subscribers for Nurses' Home:		
	Mrs. Andrew C. Wheelwright	$20,000.00	
	Nathaniel Thayer	50,000.00	
	Shepherd Brooks	5,000.00	
	Ladies' Advisory Committee of the Training School for Nurses	14,000.00	
	In memory of Mrs. Samuel Torrey Morse	1,000.00	
	Interest accrued	2,880.31	92,880.31
1914	Mrs. Harold J. Coolidge		748.03
1914–1916	J. M. Crafts		40.00
1914	Edward B. Adams		10.00
	A friend		5.00
1914–1919	Mrs. S. Parkman Blake		300.00
1914	Mrs. Caroline B. Allen		5,000.00
	H. M. Sears, F. C. Welch, and R. E. Bullard, Executors u/w of Francis Bartlett		10,000.00
	Carried forward		$4,577,936.66

General Fund

	Brought forward	$4,577,936.66
1914–1916	Edward B. Alford	60.00
1914	Mrs. William P. McKenzie	5.00
	Emily Whiting	5.00
	Anne W. Davis	9,030.70
	Mrs. Warren B. P. Weeks	25.00
	Out-Patient	1.00
	Mary A. Conlin	10.00
1914–1917	Francis Skinner, Sr.	43,721.76
1914	Miss Helen Cudahy	500.00
	Anonymous	1.00
	Mrs. Eliza Dean	5.00
	William H. Blacar	2.50
	George Wigglesworth	2,500.00
1915	Mrs. David K. Horton	15.00
	Arthur A. Carey	5.00
	Lawson Frederick Cartter	50.00
1915–1916	Miss A. F. Manning	20.00
1915	Mrs. F. S. Mead	5.00
	Mrs. Alex. S. Porter, Jr.	25.00
1915–1919	W. B. P. Weeks	125.00
1915	Anonymous	.08
1915–1919	F. G. Curtis	125.00
1915–1919	Charles R. Lawrence	15,431.04
	Mrs. Gertrude Hunter	2.00
	Anonymous	3.00
	Dr. William E. Reed	9.22
	Anonymous	3.00
	Henry Lyman	200.00
	Anonymous	50,000.00
	Anonymous	5.00
	W. H. Williams	6.00
	Out-Patient	3.00
	Martin J. Foley	1.00
	Everett Morss	100.00
	Miss Lois W. Clarke	5.00
	Annie L. Conley	5.00
	Salvatore Maschera	3.00
1915–1916	Caroline L. W. French	100,843.34
1915	Misag Azzigian	5.00
1916	Anonymous	1.00
	Mrs. Stephen G. Wheatland	50.00
	Mrs. Wallace Dunbar Dexter, Jr.	5.00
	Mrs. Richard B. Fuller	5.00
	Mrs. Arthur N. Hood	5.00
1916–1918	Elmer P. Howe	40.00
1916–1917	Mrs. Atherton Thayer Brown	20.00
1916	Charles A. Vialle	25.00
	Mrs. Barrett Wendell, Jr.	10.00
	Miss Helen Peabody	2.00
	Mrs. Waldo E. Forbes	50.00
1916–1919	Archibald Cary Coolidge	30.00
1916	Malcolm G. Peabody	10.00
1916–1919	Mrs. Ezra Ripley Thayer	20.00
	Eliase Jacques	25.00
	A former Patient	5.00
	Carried forward	$4,801,101.30

General Fund

	Brought forward	$4,801,101.30
1916–1919	E. S. C.	100.00
	John W. Wheelwright	2,000.00
	Mrs. J. T. Coolidge	100.00
	F. W. Webster	25.00
	Bartlett C. Reynolds	1.00
	Miss Effie A. McDonald	1.00
	A Patient	1.00
	Thomas Mack	1,000.00
1916–1917	Caroline E. Davis	33,852.03
1916	Frank E. Peabody	77,221.35
	Interest accrued	1,003.37
	Charles W. Moseley, surviving executor under the will of Julia M. Moseley, in memory of Dr. William Oxnard Moseley, Jr.	185,000.00
	Interest accrued	4,642.35
1917	Mrs. Geoffrey G. Whitney	50.00
	Albert Farwell Bemis	10.00
1917–1918	Mrs. Richard M. Saltonstall	100.00
	Miss Eleanor S. Parker	200.00
	Mrs. George Putnam	100.00
	J. Randolph Coolidge	200.00
	Edward M. Brewer	50.00
	S. T. Russell	50.00
1917–1919	Mrs. William Whitman, Jr.	125.00
	The S. S. W.	10.00
	Captain Blackwell	10.00
	Miss Marian F. Young	5.00
	E. S. C.	100.00
1918–1919	Mrs. Boylston Beal	100.00
1918	Mrs. M. Irving Mott	1.00
1918–1919	William Brewster	20.00
1918	Mrs. Edward Clark Streeter	20.00
1918–1919	Mrs. Andrew J. Peters, Jr.	50.00
1918	Henry F. Lynde	2,210.50
	Mrs. James C. Melvin	1,000.00
	George R. Agassiz	1,000.00
	George D. Dodd	10,135.00
	Blanche Shimmin	2,174.39
	Frederick P. Bagley	25.00
	James D. Sullivan	1,000.00
	William Caleb Loring	1,000.00
	Richard Black Sewall	25,000.00
	Mrs. T. O. Richardson	50,000.00
	Annie M. Washburn	100.00
	Bequest of Susan Smith, 1912. Transferred from Susan Smith Fund	13,703.98
1919	Mrs. S. D. Warren, Jr.	10.00
	Mrs. Elizabeth W. Russell	1,133.50
	Mary T. Crocker	5.00
	Mrs. William H. McElwain	50.00
	George von L. Meyer	2,500.00
	Jennie Leitch	15.00
	Edward D. Rosenwald	15.00
	Carried forward	$5,218,326.77

General Fund

	Brought forward	$5,218,326.77
1919	Charles P. Hobbs	5.00
	Charles Hodgdon	1.00
1811–1919	Subscribers to Free Beds (Annual)	804,651.09
Total unrestricted Gifts to the Fund, 1811–1919 inclusive		$6,022,983.86
Profits from Real Estate, Stocks, Bonds, etc. Gain in appraisal, etc.		2,095,388.26
		$8,118,372.12
Withdrawals from this Fund representing annual excess of expenses over receipts at Hospitals, amount transferred to Land and Buildings and other adjustments, 1811–1919		7,916,662.46
Balance General Fund, Dec. 31, 1919		$201,709.66

DONATIONS AND BEQUESTS FOR SPECIAL PURPOSES

1857	J. G. Treadwell:		
	Books, valued at		$3,000.00
1870–1875	H. J. Bigelow:		
	Instruments, valued at		3,600.00
1875	Dr. Putnam		21.50
	Dr. John Collins Warren:		
	Galvanic apparatus		25.00
1876	Dr. Samuel Cabot:		
	Benefit indigent at Asylum . .		1,000.00
1877	Executors Augustus Hemenway:		
	For Nurses' Training School . .		5,000.00
1878	Frederick Dexter:		
	For purchase of pictures . . .		50.00
1887	Waldo March:		
	For photographic apparatus . .		100.00
1888–1894	Dr. A. T. Cabot:		
	To make up deficiency on income Samuel Cabot Fund		1,335.00
1890	George L. Kingsley:		
	For photographic studio . . .		802.82
1895	Miss Helen C. Bradlee:		
	Repairs and alterations to Bradlee Ward		7,000.00
1897	By the "Staff," through Dr. A. T. Cabot:		
	To make up deficiency in income of Pathological Fund		1,070.60
	Charles B. Porter:		
	Interest accrued on bequests . .		370.00
1899	Francis Blake:		
	Microtome for Pathological Laboratory		266.30
	"A Patient":		
	For Treadwell Library		200.00
1900	Dr. A. T. Cabot:		
	Open Ball Court		1,000.00
1901	Mrs. Mary Hemenway:		
	Zander apparatus		5,000.00
1902–1904	C. H. Dalton:		
	Added to income of Dalton Fund .		1,000.00
1903	Mrs. T. W. Bennett:		
	For Treadwell Library		100.00
1911–1914	Late Result Fund:		
	Anonymous	$1,500.00	
1912	F. W. Hunnewell . .	500.00	
1914	Frederic Winthrop . .	500.00	
			2,500.00
1910–1917	Lovering Fund:		
	Miss Sarah C. M. Lovering . .		14,649.81
	Carried forward		$48,091.03

Donations and Bequests for Special Purposes

	Brought forward	$48,091.03
1912–1918	Mrs. Caroline L. Weld: For surgical instruments . . .	12,677.75
1912	Dr. Hugh Cabot: For surgical instruments . . .	100.00
	Dr. Fritz B. Talbot: For expense visiting Children's Hospitals	75.00
	Dr. G. Cheever Shattuck: For X-ray work	250.00
	A Friend: For X-ray work	100.00
1913	Staff of Orthopedic Department: For expenses of that department .	125.00
	Mrs. Charles G. Weld: For an awning on the Weld Ward G veranda	70.00
	Mrs. W. F. Waters: For a special instrument in Ward G	25.00
1913–1916	Dr. Putnam and Mr. Storey, Trustees of the A. W. Blake Fund, to be applied to the salary of Dr. Emerson, Psychologist	1,700.00
1913–1914	Mrs. Charles E. Mason: Scholarship, Training School for Nurses, General Hospital . .	200.00
1913–1918	Dr. Hugh Cabot: To be applied toward the salary of the House Surgeon to the Genito-Urinary Department	2,500.00
1913–1916	George Wigglesworth: X-ray Apparatus	2,800.00
1914	Mrs. John Parkinson: Toward salaries of the Children's Medical Department	40.00
1914–1919	A Friend: For certain special uses of the Dermatological Department	5,220.79
	Miss Marion H. Fenno: Toward the expense of a tennis court for nurses	10.00
1915–1917	Donation of Mrs. Nathaniel Thayer: For Two Scholarships, General Hospital Training School for Nurses .	100.00
1915–1916	Donation of George Wigglesworth: For a Babies' Milk Fund $1,000.00	
	Donation of Anonymous: For a Babies' Milk Fund . 37.11	
		1,037.11
1915–1917	Donation of a Friend: To extend help to worthy patients as their needs may become known through their attendance at the Hospital	1,500.00
	Carried forward	$76,621.68

Donations and Bequests for Special Purposes

	Brought forward		$76,621.68
1915	Donation of Friends of the Hospital through Mrs. Hugh Cabot for refitting part of the Genito-Urinary Out-Patient rooms		167.00
	Donation of Training School for Nurses, Proceeds of a May Party given for furniture for the roof garden		74.82
	Donation of Anonymous, to pay expenses of X-raying a series of cases in the Out-Patient Department . .		30.00
	Donation of Junior Girls of Camp Abena—a summer camp in Maine—for books for the Patients' Library		6.46
	Donation of Mrs. Harold J. Coolidge, for social service work, in memory of the late Amory A. Lawrence .		75.00
1915–1919	Donation of the Board of Visiting Ladies toward the salary of a social worker in the house		2,000.00
1916	General Hospital Training School Almunæ:		
	For a scholarship		100.00
	A Friend:		
	For the X-ray Department . .		150.00
	Mrs. Malcolm Donald:		
	For special technical apparatus .		1,000.00
1916–1918	W. F. Watters:		
	Salary of stenographer, etc., in the Dermatological Department . .		1,850.00
	United Fruit Company:		
	For Department of Tropical Medicine		2,500.00
	Moses Williams:		
	For Social Worker		25.00
	Mrs. Charles H. Dalton:		
	For Social Worker		20.00
	Dr. Fritz B. Talbot:		
	Toward the changes in the Children's Medical Out-Patient Department		150.00
1916–1917	Dr. Richard Cabot:		
	For the Warren Library		100.00
1916	Mrs. Charles E. Mason:		
	Toward the changes in the Children's Medical Out-Patient Department		350.00
	Patrick Donovan:		
	For the Warren Library		2.79
	Friends of the Hospital (through Miss Ella L. Lyman):		
	For half salary for one year of a special worker in the Children's Medical Ward—who is to be clinic secretary and do follow-up work:		
	Mrs. Ralph B. Williams .	$10.00	
	Mrs. Henry Lyman . .	25.00	
	Carried forward . . .	$35.00	$85,222.75

Donations and Bequests for Special Purposes

	Brought forward . . .	$35.00	$85,222.75
1916	Mrs. S. D. Warren, Jr. .	10.00	
	Mrs. Waldo E. Forbes . .	25.00	
	A Friend	20.00	
	Mrs. Ellery Sedgwick . .	25.00	
	Mrs. John S. Lawrence . .	25.00	
	Mrs. Gorham Brooks . .	25.00	
	Mrs. Thomas Barlow . .	20.00	
			$185.00
	Mrs. Caroline L. Weld:		
	For instruments for the Out-Patient Throat Department . .	$250.00	
	A Friend:		
	To be added to this Fund .	500.00	$750.00
	Sundry Donors:		
	For Infantile Paralysis Research Fund:		
	W. Murray Crane . .	$500.00	
	Alvah Crocker . . .	500.00	
	William Endicott . .	500.00	
	Albert Strauss . . .	500.00	
	Frank G. Webster . .	250.00	
	Charles Jackson . . .	200.00	
	Arthur Perry	100.00	
	Wallace L. Pierce . .	100.00	
1916–1919	Robert L. Studley . .	100.00	
1916	James H. Proctor . .	100.00	
	George R. Wallace . .	250.00	
	James J. Storrow . .	500.00	
1916–1919	Allan C. Emery . . .	100.00	
	J. P. Morgan . . .	1,000.00	
1917	Infantile Paralysis Commission	450.00	
	Isaac Sprague	25.00	
1919	F. W. Hallowell . . .	100.00	$5,275.00
	Sundry Donors:		
	For Babies' Milk Fund:		
	Dr. W. B. Robbins . .	$5.00	
1917–1918	Miss Emma Hutchins .	10.00	
	Mrs. Neal Rantoul . .	50.00	
	Mrs. Ralph B. Williams .	5.00	
	Mrs. J. D. C. Bradley .	20.00	
	Mrs. Edward Wigglesworth	25.00	
	Mrs. W. S. Spaulding .	25.00	
	Mrs. F. A. Winthrop .	25.00	
	Mrs. W. B. Emmons . .	5.00	
	Mrs. Gorham Brooks .	50.00	
	Mrs. Alvan T. Fuller . .	125.00	
	Mrs. Winthrop Coffin .	5.00	
	Mrs. Freeman Allen . .	5.00	
	Mrs. Allan Forbes . .	10.00	
	Roger B. Merriman . .	25.00	
	Mrs. Roger B. Merriman	10.00	
	Anonymous	1.00	
	Miss Alice A. Thorpe .	33.18	$434.18
	Carried forward		$91,866.93

Donations and Bequests for Special Purposes

	Brought forward		$91,866.93
1917	Miss Alice Farnsworth:		
	For Social Service Work . . .		25.00
	Chase & Sanborn:		
	For Social Service Work . . .		25.00
	Charles Philip Beebe:		
	For X-Ray Equipment		1,000.00
	Miss Myra T. Styles:		
	For the Out-Patient Department .		10.00
	Mrs. Nathaniel Thayer:		
	For a course of Occupational Therapy		100.00
	Sundry Donors:		
	For the salary of a clerk in the Treadwell Library to typewrite certain parts of the Surgical Records		
	Dr. G. W. W. Brewster .	$50.00	
	Dr. Charles Allen Porter	50.00	
	Dr. Beth Vincent . .	30.00	
	Dr. Lincoln Davis . .	30.00	
	Dr. Hugh Williams . .	50.00	
	Dr. Daniel Fiske Jones .	50.00	
	Dr. Franklin G. Balch .	50.00	
	Dr. Charles L. Scudder .	50.00	
1917–1918	Dr. Richard C. Cabot .	88.50	
	Dr. R. B. Greenough .	20.00	
			$468.50
1917	For the Children's Medical Ward, in memory of Mary R. Hudson .		10.00
1917–1919	Committee of the Permanent Charity Fund Incorporated for Social Service in the House . .		4,100.00
1917–1919	Donation of Mrs. A. Lawrence Hopkins		1,442.65
	Toward the salary of a Social Worker in the Wards.		
1918	Donation of Anonymous		780.00
	For the salary of a Technician in the Medical Research Laboratory.		
1918–1919	Donation of Harvard Infantile Paralysis Commission		1,800.00
	Toward the salary of a Worker in the Infantile Paralysis Department.		
1919	Donation of George Wigglesworth .		40.00
	Toward the expenses of the Librarian to a convention.		
	Donation of George Wigglesworth .		500.00
	Toward the salary of an assistant in the Genito-Urinary Department.		
	Donation of Dr. Richard C. Cabot .		75.00
	Toward the expenses of a House Social Worker to a convention.		
	Carried forward		$102,243.08

Donations and Bequests for Special Purposes

Brought forward			$102,243.08
Donation of George Wigglesworth . . .	$650.00		
Donation of Mr. and Mrs. Thomas B. Gannett	650.00		
		$1,300.00	
For the purchase of radium at the General Hospital.			
Donation of Mrs. Percival H. Lombard .		300.00	
From "Rosamond, George and Peter" for wheel chairs.			
Donation of Miss Mary Weld		872.30	
For surgical instruments.			
Donation of A Friend		50.00	
For the Babies' Milk Fund.			
Donation of Philip Cabot		600.00	
Toward the salary of a technician in the Medical Research Laboratory.			
Donation of Mrs. Charles E. Mason . .		100.00	
For Special Research work in X-Ray Department.			
Donation of Miss Margaret Perry . . .		430.00	
For furnishings in the Children's Ward.			
Donation of the Estate of Photius Fisk		600.00	
Through New England Trust Co. to aid and assist poor and needy colored people.			
Interest added		170.95	
			$106,666.33
1857–1919 Expended			98,714.16
Balance, December 31, 1919 . .			$7,952.17
Unexpended:			
Training School for Nurses Scholarship		$50.00	
Special Technical Laboratory Apparatus		1,042.50	
For the purchase of Radium at the General Hospital		1,300.00	
For wheel chairs		300.00	
For Tropical Medicine		2,606.25	
To assist poor and needy colored people		608.50	
Babies' Milk Fund		46.81	
Toward salary of Technician in the Medical Research Laboratory .		86.00	
Special Research Work in X-Ray Department		100.00	
Toward the salary of a worker in the Infantile Paralysis Department		514.53	
Infantile Paralysis Research Fund		62.97	
Carried forward		$6,717.56	

Brought forward		$6,717.56
Toward the salary and expenses of a Visiting Nurse in the Dermatological Department	$790.91	
For Furnishings in the Children's Ward	443.70	
		$7,952.17

C. H. W. FOSTER,
Treasurer.

EXAMINATION OF ACCOUNTS

BOSTON, March 19, 1920.

TO THE COMMITTEE ON ACCOUNTS,
Massachusetts General Hospital,
Boston, Mass.

SIRS, — In accordance with your instructions, we have made an examination of the books and records of the Massachusetts General Hospital, comprising the records of the General Hospital, McLean Hospital, and of the Treasurer, for the year ending December 31, 1919, for the purpose of verifying the cash transactions and of reporting upon the financial condition at December 31, 1919.

WE HEREBY CERTIFY:

1. That all funds shown to have been received have been accounted for, and that we have found vouchers or other satisfactory evidence of payment for all disbursements.

2. That the balance of cash on December 31, 1918, as shown by the books of the Hospitals and of the Treasurer, amounting to $48,276.87, was on hand at that date.

3. That securities (par value $403,880.00) carried at a book value of $415,385.13, and annuities receivable, consisting of three policies amounting to $160,000.00, as shown by the books, were either certified by the New England Trust Company as being in their custody on December 31, 1919, or were otherwise accounted for by us.

4. That notes receivable, amounting to $7,575.00, were examined by us and found to be in the custody of the Treasurer on February 12, 1920.

Respectfully submitted,

PATTERSON, TEELE & DENNIS,
Accountants and Auditors.

BULFINCH BUILDING — MASSACHUSETTS GENERAL HOSPITAL

In the Dome of this Building Ether was First Given to Full Surgical Anaesthesia, October 16, 1846

ANNUAL REPORT OF THE RESIDENT PHYSICIAN OF THE GENERAL HOSPITAL

To the Trustees of the Massachusetts General Hospital:

Gentlemen, — The year has seen the return of most of the staff and officers of the hospital who have been absent upon duties connected with the World War. Dr. Joseph B. Howland has gone to assume his duties as Superintendent of the Peter Bent Brigham Hospital. He conducted the affairs of the Massachusetts General Hospital through a critical period — financial stringency; high prices; shortage of professional staff, doctors and nurses, and pestilence. All of these he bore, and carried the hospital through. A man of unusual ability and thorough knowledge of hospital problems, — we are loath to lose him. Dr. Harold W. Hersey has left us to assume the position of Superintendent of the New Haven Hospital. Dr. Charles E. Wells becomes Superintendent of the Newport Hospital. They have both served the hospital well, and should succeed in their new positions. Dr. Edwin N. Cleaves, another Assistant Resident Physician, was obliged to leave because of sickness. Executive Assistants Edna H. Harrison, R.N., and Frances P. West, R.N., have accepted responsible positions in Chicago and Schenectady, respectively.

This made a complete change in the personnel of the Resident Physician's office. Dr. Nathaniel W. Faxon has been appointed First Assistant, Dr. Eugene Walker, Second Assistant, and Misses Eastman and Stevens, Executive Assistants.

Miss Helen Wood, who has acted as Superintendent of Nurses during Miss Parsons' absence, has left us to take a similar position at Barnes Hospital, St. Louis. She has been a sheet anchor of the hospital during the storm. Her high character, ability and training assure her success in this new field of activity. Miss McCrae, practical instructor in the Training School, has shown herself the same dependable, loyal officer that she has always been. Miss Parsons, upon her return from France, was given six months' leave of absence, which she spent in rest and travel. She has familiarized herself with the present status of nursing and hospital problems. We shall expect to benefit from what she has learned. As Chief Nurse of Base Hospital No. 6 during the war, she stuck to her task and kept her able band of devoted nurses fired with her own high spirit and ideals.

The hospital still suffers from the lack of its closed departments. Physical therapy in its various forms is badly needed. We must renew our follow-up work as soon as possible. It is much to be hoped that money will be available during 1920 to enable us to reach our pre-war level of efficiency.

In Dr. Howland's last year's report reference was made to the death in the service of Major Howard W. Beal, Lieutenant William H. Buffum and Major Harrison Briggs Webster. I must note in addition the death of Capt. William W. Walcott and Lieutenant-Colonel Ernest V. Keller. We are proud of these fine young men, our alumni, who have given their lives for their country. Our nurses who died in the service are

Miss Frances E. Bartlett
Miss Mary F. Emery
Miss Lucy N. Fletcher
Mrs. H. A. Jaggard, née Jessie W. Brown
Miss Constance Sinclair
Miss Nellie Ward
Miss Anna B. West

Dr. Richard C. Cabot was the Ether Day orator.

During the year the Trustees have taken over as a full hospital activity the Out-Patient Social Service Department. This department, under the inspiring and far-sighted leadership of Dr. R. C. Cabot and Miss Ida M. Cannon, has brought much credit to the hospital.

The following comparative tables are of interest:

	No. Patients Admitted to Wards.	Total Patients' Days Treatment.	Average Stay in Hospital.	No. Operations House Cases.
1908	5,362	106,034	20 — days	3,634
1909	5,871	105,295	18 — "	3,841
1910	6,092	105,617	17 + "	4,016
1911	6,495	107,671	17 — "	3,948
1912	6,629	107,797	16 — "	4,063
1913	6,251	111,364	18 + "	3,887
1914	6,413	116,164	18 + "	3,993
1915	6,503	113,941	18 — "	4,046
1916	6,507	111,875	17 + "	4,094
1917	6,699	112,636	17 — "	4,191
1918	6,702	116,321	17 + "	4,117
1919	6,074	114,200	19 — "	3,750

	Number Ambulance Trips.	Number of Miles.	Average Trips per Day
1908	1,747	....	5 —
1909	1,539	5,442	4 +
1910	1,639	5,615	4 +
1911	1,513	4,452	4 +
1912	1,477	4,870	4 +
1913	1,576	4,796	4 +
1914	1,378	4,888	3 +
1915	1,502	4,182	4 +
1916	1,413	5,032	4 —
1917	1,358	6,100	4 —
1918	1,236	5,771	3 +
1919	1,124	5,905½	3 +

Number of Patients Treated in Emergency Ward.

1908	5,313	1912	5,501	1916	5,123
1909	5,314	1913	5,424	1917	6,045
1910	5,590	1914	5,278	1918	6,131
1911	6,029	1915	4,815	1919	5,459

	Number of X-Ray Cases Out-Patient Department.	Number of X-Ray Cases in House.
1908	2,902	1,353
1909	3,323	1,441
1910	3,414	1,363
1911	4,138	1,643
1912	4,587	1,987
1913	6,286	4,015
1914	7,951	5,985
1915	7,618	4,597
1916	10,616	4,986
1917	10,161	4,125
1919	8,424	2,705
1918	9,408	4,038

OUT-PATIENT DEPARTMENT

	New Cases.	Total Number of Visits.	Total Number Prescriptions Filled
1904	25,082	106,174	53,321
1905	21,874	110,631	49,793
1906	20,010	99,251	43,063
1907	20,358	107,063	43,764
1908	20,729	116,008	46,390
1909	21,518	121,327	48,250
1910	22,302	124,584	48,676
1911	22,232	135,809	49,858
1912	22,639	136,095	48,270
1913	24,887	147,428	51,798
1914	24,957	158,090	62,112
1915	29,213	190,628	73,914
1916	31,061	201,375	79,736
1917	31,104	205,524	78,820
1918	25,441	168,183	65,511
1919	27,948	179,973	70,979

During the year 1919 there were 3,770 operations under an anesthetic in the Out-Patient Department of which 2,838 were performed under general and 932 under local anesthesia.

	Average No. of Graduates.	Average No. of Pupils.	Average No. of Probs.	Average Total.	Total Probs. During Year.	Probs. and Nurses Who Left During Year.
1911	31	140	12	183	90	53 P. 16 N. — 69
1912	29	158	15	202	100	51 P. 7 N. — 58
1913	29	167	28	224	97	30 P. 8 N. — 38
1914	28	181	24	233	92	30 P. 10 N. — 40
1915	29	179	33	241	90	24 P. 6 N. — 30
1916	30	210	27	267	106	19 P. 4 N. — 23
1917	30	232	21	283	88	15 P. 13 N. — 28
1918	27	242	25	294	90	21 P. 6 N. — 27
1919	33	227	25	260	85	21 P. 3 N. — 24

Reference is made to pages 104–108 for other tables formerly appearing here.

PHILLIPS HOUSE

This building has proved a success. It was erected to increase the hospital's income, to concentrate the work of our staff at the hospital and secure more of their time for our charitable work, and to interest people of means in the hospital's work. It may fairly be said that these results have been attained.

	Number of Patients Admitted.			Total Patients' Days Treatment.	Average Stay in Hospital.
	Medical.	Surgical.	Obstetrical.		
1917	82	274	2	3,594	10 + days
1918	221	796	80	12,854	12 — "
1919	364	1,205	139	19,367	11 + "

THE NEEDS OF THE HOSPITAL

The needs of the hospital have been repeated year after year in the Resident Physician's report. Some of them have been adequately met. We now have our Moseley Memorial Building for administration; we have one of the nurses' homes required; we have the Phillips House, — the private ward for the people of means. The other needs have not been met and they are very pressing. It is hoped that during the year, your board will make the necessary appeal to the community for the funds required so that some of the most urgent may be satisfied in the immediate future.

Dr. Howland described at length the volunteer work done at the hospital by many women. This work has continued and is greatly appreciated. The time and service given without recompense by Trustees, Staff and many others is and always has been an honorable and creditable feature of our hospital.

Respectfully submitted,
FREDERIC A. WASHBURN,
Resident Physician.

GENERAL HOSPITAL

Table No. 1

COMPARATIVE STATEMENT OF STATISTICS

Hospital Wards and Single Rooms

	1919	1918
Patients in Hospital January 1:		
Medical	126	95
Surgical	196	225
Total	322	320
Patients admitted during year:		
Medical	2,399	2,664
Surgical	3,675	4,038
Total	6,074	6,702
Total patients treated in Hospital wards and single rooms during year:		
Medical	2,525	2,759
Surgical	3,871	4,263
Total	6,396	7,022
Patients discharged during year:		
Well	0	0
Relieved	4,809	5,427
Not relieved	731	538
Against advice	60	65
Died	406	578
Not treated	82	92
Total	6,088	6,700
Patients in Hospital end of year:		
Medical	101	126
Surgical	209	196
Total	310	322

Total patient's day's treatment:	1919	1918
Pay patients	63,338	66,621
Patients paying something	30,100	30,782
Free patients	20,762	18,927
Total	114,200	116,330
Percentage:		
Pay days	56−	57+
Part pay days	26+	27−
Free days	18+	16+
Total	100	100
Average patients per day:		
Pay patients	174−	182−
Patients paying something	82−	84−
Free patients	57−	52−
Total	313−	328−
Average time per patient in Hospital	19 − days	17 − days

Paying patients were admitted at the following rates: 10 at $56.00; 356 at $35.00; 39 at $21.00; 3,864 at $17.50; 3 at $15.00; 4 at $14.00; 15 at $12.50; 284 at $10.50; 3 at $10.00; 2 at $8.00; 47 at $5.00; 186 at $3.50. Some of the patients entered at these rates were afterwards made free.

There were 5,459 patients treated in the Emergency Ward. Of this number 1,843 were retained in the Hospital.

OUT-PATIENT DEPARTMENT	1919	1918
Number of cases treated (new cases)	27,943	25,441
Americans	15,729	13,512
Foreigners	12,214	11,929
Residents of Boston	11,590	12,475
Residents of other places	16,353	12,966
Medical Department	5,370	6,584
Surgical Department	5,959	5,650
Dermatological Department	2,263	1,862
Neurological Department	1,232	946
Laryngological Department	3,734	2,825
Children's Medical Department	2,307	2,089
Orthopedic Department	2,748	2,599
Genito-Urinary Department	1,549	1,343
Department of Syphilis	1,428	1,363
Dental Department	308	180
Infantile Clinic	1	0

	1919	1918
Total number of visits from patients	179,973	168,183
Average daily attendance	599+	557−
Total number of prescriptions filled	70,979	65,511
Number of visits for Massage and Baking	6,491	7,007
Number of applicants	33,332	27,285
Number admitted	27,948	25,441
Referred to other institutions	2,980	815
Number refused	2,409	1,029

AMBULANCE

	1919	1918
Ambulance calls during year	1,322	1,236
Average calls per day	4−	3+

EMERGENCY WARD

	1919	1918
Visits made to Emergency Ward during year	5,459	6,131
Average visits made per day	15−	17−

X-RAY

	1919	1918
Number of X-ray cases taken in the Out-Patient Department	8,423	9,408
Number of X-ray cases taken in the House	4,038	2,705
Number of X-ray cases taken in Phillips House	1,225	828

Table No. 2

RESIDENCES

	1919
Boston	1,251
Massachusetts (except Boston)	4,387
Maine	63
New Hampshire and Vermont	230
Rhode Island and Connecticut	48
New York	19
Other States	50
British Provinces	26
Total	6,074

Table No. 3

BIRTHPLACES

Boston	663
Massachusetts (except Boston)	1,771
Maine	224
New Hampshire and Vermont	264
Rhode Island and Connecticut	119
New York	133
Southern and Western States	211
Other States	57
Total in United States	3,442
Great Britain	210
British Provinces	583
Ireland	451
Norway and Sweden	93
Italy	399
Russia and Poland	515
Germany	41
France	12
Other places	328
Total Foreigners	2,632

BIRTHPLACE OF MOTHER

Boston	258
Massachusetts (except Boston)	699
Maine	268
New Hampshire and Vermont	266
Rhode Island and Connecticut	76
New York	113
Southern and Western States	193
Other States	56
Total in United States	1,929
Great Britain	342
British Provinces	838
Ireland	977
Norway and Sweden	137
Italy	592
Russia and Poland	728
Germany	85
France	15
Other places	431
Total Foreigners	4,145

Table No. 4

OCCUPATIONS

MALE

Agriculture, Forestry and Animal Husbandry

Agriculture

Farmers	69
Farm hand	1
Florists	2
Gardeners	12
Milkmen	2
Superintendent of farm	1

Animal Husbandry

Fishermen	17

Forestry

Checker in lumber camp	1
Forester	1
Lumberjacks	2
Lumberman	1
Sawyers	2
Surveyor in lumber camp	1
Woodchoppers	2
Woodsman	1

Clerical Occupations

Accountants	10
Agents	30
Bookkeepers	4
Cashiers	2
Clerks	76
Messenger	1
Newspaper markers	3
Postal clerk	1
Secretaries	2
Shipping clerks	20
Timekeepers	2

Domestic and Personal Service

Hotel Keepers and Managers

Innkeepers	2
Hotel managers	2

Janitors and Sextons

Janitors	28
Sextons	2

Laundry

Laundrymen	3
Washing-machine tender	1

Miscellaneous

Attendant	1
Barbers	35
Bartenders	5
Bellmen	2
Bowling alley manager	1
Butlers	4
Choremen	7
Cleaners	6
Coachmen	2
Chef	1
Cooks	23
Dishwashers	3
Elevator men	8
Floor polisher	1
Kitchen men	2
Office boy	1
Orderlies (hospital)	15
Porters	9
Restaurant keeper	1
Steward	1
Waiters	21

Extraction of Minerals

Quarries

Foreman	1
Quarryman	1
Stone cutters	6

Manufacturing and Mechanical Industries

Ammunition Factory

Glazer	1
Shell borer	1

Box Factory

Box makers	2
Fitters	2
Matcher	1
Paper cutter	1
Woodworkers	2

Brick and Stone Masons

Bricklayer	1
Brick maker	1
Mason's helper	1
Stone masons	11

Building and Building Contractors

Contractors (unspecified)	2
Constructor (elevator)	1

Butchers and Dressers

Butchers	14
Pork packer	1
Sausage makers	2

Carpenters

Carpenters	58
Carpenters' helpers	2
Lather	1
Roofers	2

Cigar Factory

Cigar makers	6
Machine hand	1
Stockman	1

Clothing Industries

Clothing factory — Mill hand	1
Hosiery mill — Presser	1
Raincoat maker	1
Suspender factory — Weavers	3

Cotton Mill

Beader	1
Card fixer	1
Dresser	1
Framers	2
Loom cleaner	1
Millwrights	4
Operative	1
Pattern maker (weaver)	1
Roller	1
Roper	1
Spinner	1
Stripper	1
Weavers	6

Dye House

Cleaner	1
Dyers	3
Steamer	1

Electricians and Electrical Engineers

Electrical engineer	1
Electricians	20
Electrician's helper	1

Engineers

Mechanical engineers	4
Refrigerating engineer	1
Stationary engineers	13

Factories (Miscellaneous)

Bag factory — Burlap cutter	1
Belt factory — Belt maker	1
Carpet factory — Weaver	1
Casket maker	1
Chair maker	1
Harness makers	2
Musical instrument maker	1
Silk mill — Weaver	1
Silver factory — Finisher	1
Soap makers	2
Surgical instrument maker	1
Surveying instrument maker	1
Velvet factory — Finisher	1

Filers, Grinders, Buffers and Polishers (metal)

Buffers	2
Filer	1
Grinder	1
Polishers	3

Food Industries

Biscuit makers	2
Boiler in sugar refinery	1
Cutter of bacon	1
Ice cream cone maker	1
Ice cream manufacturer	1
Tapioca grinder	1

Gas Works

Coal passer	1
Crane worker	1
Inspector	1

Hat Factory

Presser	1
Straw worker	1

Iron and Steel Industries

Coal mate	1
Drillers	2
Founder	1
Iron molders	10
Iron molder's helper	1
Iron workers	5
Sheet metal workers	2

Jewelry Factory

Engraver	1
Silver molder	1
Silversmith	1
Stone setter	1

Laborers (in various industries)

Laborers — Factory	57
Laborers — Shipyard	3
Repairers in furniture factory	2

Leather Factory

Dyers	2
Dressers	2
Finishers	2
Glazers	2
Machinists	4
Snuffer	1
Sorter	1
Tanner	1
Trimmer	1

Machine Shop

Assembler	1
Driller	1
Gauge maker	1
Machinists	80
Machinists' helpers	17
Mechanics	6
Millwrights	4
Tool makers	3

Mattress Factory

Filler	1
Mattress makers	2

Mechanics

Mechanic	1
Wheelwright	1

Metal Factory

Metal worker	1
Nickel plater	1
Oiler in brass foundry	1
Sheet metal workers	5

Miscellaneous

Bakers	16
Blacksmiths	18
Bleachery — Frame tender	1
Boiler makers	3
Book binders	2
Brewery — Bottlers	2
Broom makers	2
Cabinet makers	3
Candy makers	11
Cobblers	14
Firemen — Stationary	8
Flag maker	1
Machine hands (factory)	5
Machine operators (factory)	6
Millman (unspec.)	1
Oil works — Stillman	1
Paper hangers	2
Pattern makers	2
Shovel maker	1
Tailors	36
Tinsmiths	8
Tool maker	1

Upholsterers	2
Watchmakers	4

Officials (factory)

Foreman, clothing factory	1
Foreman, machine shop	1
Foremen, paper factory	2
Foreman, saw mill	1
Foremen, shoe factory	2
Inspectors	4
Manager	1
Overseer, cotton mill	1
Superintendents	5
Treasurers	2

Painters and Glaziers

Glazier	1
Painters	46
Sign painters	3

Paper Factory

Checker	1
Compresser	1
Mixer	1
Paper makers	4
Repair man	1
Skiver	1

Plumbers, and Gas and Steam Fitters

Plumbers	10
Plumbers' helpers	2
Gas fitter	1
Steam fitters	9

Rubber Factory

Baler	1
Craneman	1
Cement worker	1
Finisher	1
Foreman	1
Liner	1
Packers	2
Painter	1
Sheet worker	1
Shoe makers	4
Skiver	1
Solers	7
Spreaders	2
Stick carrier	1
Tire makers	3
Tire repairer	1
Trimmer	1

Shipyard

Boiler maker's helper	1
Bolter	1
Chipper	1
Corker	1
Crane operators	2
Drillers	3
Galvanizer	1
Iron workers	2
Puncher	1
Reamers	3
Riggers	3
Riveters	3
Rivet heater	1
Rivet passer	1
Rivet sorter	1
Ship builders	2
Ship fitters	2

Shoe Factory

Assembler	1
Bottom finisher	1
Breaster	1
Brushers	2
Counter maker	1
Crowner	1
Cutters	13
Finishers	3
Heelers	3
Helper	1
Inspector	1
Lacers	2
Lasters	18
Leveller	1
Packer	1
Pattern maker	1
Puller-over	1
Scourer	1
Shanker	1
Skiver	1
Shoe workers	14
Solers	3
Sorter	1

Stitchers	4
Stock fitter	1
Stockman	1
Treers	3
Trimmers	3
Vampers	4
Welters	2

Printing Office

Compositor	1
Machinist	1
Paper cutter	1
Printers	8
Stereotypers	2

Tannery

Hide handler	1
Shover	1
Tanner	1

Wire Mill

Insulator	1
Winder	1
Wood worker	1

Woolen and Worsted Mills

Carders	3
Dry finisher	1
Dyer	1
Loom fixer	1
Roller coverer	1
Ropers	2
Spinners	4
Weavers	11
Wet finisher	1
Wool handler	1
Wool sorters	3

Wood-Working Factory

Door maker	1
Roll cleaner	1
Wood turner	1
Wood worker	1

PUBLIC SERVICE

Miscellaneous

Custodian	1
Deputy sheriff	1
Firemen (fire department)	14
Gateman (hospital)	1
Laborers (general work)	203
Letter carriers	5
Night watchmen	3
Police officers	7
Town assessor	1
Watchmen	5

Officials and Inspectors (City and County)

Administrator	1
Cattle inspector	1
Egg candlers	2
Police inspector	1
Police officer	1
Superintendent of schools	1
Superintendent of gas works	1
Superintendent of water works	1
Trustee	1

Soldiers, Sailors and Marines

Boatswain, U. S. Navy	1
Boatswain's mates, U. S. Navy	8
Carpenter's mate, U. S. Navy	1
Clerk, U. S. Navy	1
Cooks, U. S. Navy	2
Corporal, U. S. Navy	1
Electrician, U. S. Navy	1
Firemen, U. S. Navy	6
Gunner's mate, U. S. Navy	1
Laborers (enlisted), U. S. Army	2
Landsmen Electricians, Radio, U. S. Navy	2
Machinist's mate, U. S. Navy	1
Marines, U. S. Navy	3
Privates, U. S. Army	6
Seamen, U. S. Navy	7
Sergeants, Marine Corps	2
Ship fitter, U. S. Navy	1
Steward, U. S. Navy	1
Yeoman, U. S. Navy	1

U. S. Army Officers

Captains	2

U. S. Navy Officers

Captains	3
Ensigns	5
Lieutenants	4
Lieutenant Commander	1

PROFESSIONAL SERVICE

Authors, Editors and Reporters

Journalist	1

Chemists

Chemists	6

Engineers

Civil engineers	3
Mining engineers	2

Designers and Draftsmen

Designer	1
Draftsmen	2

Miscellaneous

Actor	1
Architect	1
Clergymen	5
Dentists	4
Entomologist	1
Harp players	2
Lawyers	6
Manager, moving-picture show	1
Masseur	1
Musicians (unspec.)	3
Nurses	3
Physicians	49
Propertyman (theatre)	1
Singers	2
Teachers (unspec.)	4
Technician	1
Violinist	1
Ward tender (hospital)	1

Photographers

Photographer	1
Photograph printer	1

TRANSPORTATION

Deck Hands and Sailors (Not in Navy)

Deck hand	1
Mariner	1
Sea captains	3

Automobiles

Filer	1
Mechanic	1
Proprietors of garage	3
Repairers	8
Washers	2

Longshoremen

Longshoremen	8
Stevedore	1

Miscellaneous

Chauffeurs	51
Horseman	1
Messenger	1
Laborers — Street paving	6
Owner, livery stable	1
Stableman	1

Steam Railroad

Baggage masters	2
Blacksmith	1
Brakemen	14
Car cleaner	1
Car inspectors	7
Car loader	1
Car shifter	1
Checker (coat room)	1
Coal passers	2
Conductors	8
Crane operator	1
Crossing tenders	4
Dispatcher	1
Locomotive engineers	10
Firemen	7
Freight handlers	4
Iron worker	1
Laborers	5
Machinists	2
Porters	2

Repairmen	2
Section hands	2
Signal man's helpers	2
Station agents	2
Steam hammer operator	1
Switchmen	3
Train master	1
Trainmen	3

Street Railroad

Car cleaner	1
Conductors	5
Gateman	1
Motormen	12
Repairer of cars	1

Teamsters

Teamsters	54
Teamster's helpers	3
Truckman	1

Telegraph Company

Foreman of structure	1
Manager	1
Telegraph operators	4
Wire chief	1

Telephone Company

Agent	1
Inspector	1
Installer	1

TRADE

Brokers

Broker (unspec.)	1
Cotton broker	1
Real estate brokers	2

Department Store

Bundle boy	1
Crockery packer	1
Errand boys	3
Floor manager	1
Silver polishers	2

Electrical Supply Company

Grinder	1
Iron worker	1
Lineman	1
Machinist	1
Molder	1
Stock clerk	1
Trimmer (arc lights)	1

Miscellaneous

Jewelers	6
Undertaker	1
Wholesale dealer in barrels	1
Worker in seed shop	1

Newsboys

Newsboys	2

Peddlers

Fruit	14
Junk	8
Notions	2

Retail Dealers

Antiques	2
Druggists	4
Fish	3
Furniture	3
Groceries	16
Merchants (unspec.)	3
Milk	1
Newsdealers	2
Optician	1
Pharmacist	1
Rags	2

Salesmen

Salesmen (unspec.)	81
Salesmen (groceries)	8

Unclassified

Executor	1
No occupation	733
Students	342
Y. M. C. A. war worker	1

FEMALE

Clerical Occupations

Advertising agent	1
Bookkeepers	17
Canvasser	1
Cashiers	5
Clerks	35
Secretaries	7
Stenographers	18
Typewriters	3

Domestic and Personal Service

Attendants	3
Chambermaids	14
Checkers	2
Chorewomen	4
Cleaners	3
Companions	3
Cooks	31
Dishwasher	1
Dishwipers	2
Elevator tenders	2
Gauze stretcher (hospital)	1
Hairdressers	2
Hotel keeper	1
Housekeepers	35
Housework	91
Kitchen helpers	6
Lady's maids	2
Laundresses	13
Maids	57
Matrons	3
Nursemaids	12
Waitresses	35
Wrapper of hospital supplies	1

Manufacturing and Mechanical Industries

Box Factory

Box makers	3
Labeler	1
Machine feeder	1
Machine operator	1
Paster	1

Buffers and Polishers

Buffer (silver)	1
Polisher (silver)	1

Candy Factory

Floor girl	1
Machine feeder	1
Packers	4
Wrappers	4

Chocolate Factory

Dippers	3
Packers	3

Clothing Factory

Buttonhole makers	2
Repairers	2
Sewer	1
Stitchers	7

Cotton Mill

Piper	1
Quiller	1
Spinners	2
Warp tenders	2
Weavers	6
Winder	1

Dressmakers and Seamstresses

Draper	1
Dressmakers	13
Seamstresses	18

Factories (various)

Biscuit factory — Packer	1
Blanket factory — Stitcher	1
Cigar factory — Stripper	1
Dyeing mill — Spooler	1
Garter factory — Packer	1
Hosiery mill — Finisher	1
Leather factory — Sorters	2
Overall factory — Stitcher	1
Paper mill — Card	1
Piano factory — Worker	1
Rattan factory — Cane tier	1

Razor factory — Assembler	1
Rivet works — Bender	1
Stocking factory — Footer	1
Tape factory — Weaver	1
Thread mill — Winder	1
Wire mill — Sewer	1

Jewelry Factory

Cleaner	1
Machine operator	1

Knitting Mill

Cutter	1
Knitter	1

Miscellaneous

Book bindery — General work	1
Lithographer	1
Picture frame fitter	1
Printing press feeder	1
Selector of lithographic samples	1

Machine Shop

Machinist	1
Punch press operators	2

Official (factory)

Forewomen	2
Inspectors	4

Raincoat Factory

Buttonhole maker	1
Cement worker	1
Stitcher	1

Rubber Factory

Back maker	1
Doublers	3
Laborers	2
Packers	2
Rubber makers	4
Sewer	1
Shoemakers	3
Stitchers	2

Shoe Factory

Barrer	1
Caser	1
Cleaner	1
Cutters	2
Dresser	1
Heelers	2
Laster	1
Liner	1
Matchers	2
Packers	2
Paster	1
Perforators	2
Presser	1
Repairer	1
Skivers	2
Sorters	2
Stitchers	8
Table hand	1
Tacker	1
Vamper	1

Tailor's Shop

Buttonhole maker	1
Tailoresses	2

Twine Factory

Machine operators	2
Trotter	1

Watch Factory

Trainer	1
Watch maker	1

Woolen Mill

Drawer-ins	2
Examiners	2
Knitter	1
Menders	2
Sewer	1
Stitcher	1
Weavers	3

PROFESSIONAL SERVICE

Actresses	2
Anesthetist	1
Artist	1
Attendants (professional)	5
Chiropodists	2

Dancer	1
Governesses	2
Librarians	2
Nurses (graduate)	63
Nurses (pupil)	75
Organist	1
Physicians	2
Principal of school	1
Reader	1
Retoucher of photographs	1
Social workers	6
Teachers	16
Technician	1
X-ray operator	1

PUBLIC SERVICE

Assemblers, U. S. Navy	3
Yeowomen, U. S. Navy	17

TRADE

Department Store

Examiner	1
Floor walker	1
Stock clerk	1

Electric Supply Factory

Machine operator	1
Sealer of lamps	1
Winder	1

Miscellaneous

Managers of retail business	3
Milliners	4
Peddler — Lace	1
Saleswomen	20
Sorter in button shop	1

TRANSPORTATION

Steam railroad — Car cleaner	1
Telephone operators	12

UNCLASSIFIED

Housewives	1140
No occupation	570
Sisters of charity	2
Students	204

Table No. 5

TABLE OF ADMISSIONS, DISCHARGES, AND RESULTS AT THE GENERAL HOSPITAL FROM JANUARY 1, 1885 TO JANUARY 1, 1920

Year.	Total Admitted.	Free.	Paying Board all the Time.	Paying Part of the Time.	Whole Number Treated.			Deaths.	Percentage on Total Admitted.	Greatest Total.	Least Total.	Average.	Admitted through Emergency Ward.	New Out-Patients.	Out-Patient Visits.
					Paying Board.	Paying Board Part of Time.	Free.								
1885	2327	1910	371	46	382	46	2044	192	8.25	184	147	167	443	17016	.....
1886	2580	2124	392	64	409	64	2283	192	7.44	206	133	173	471	17925	.....
1887	2814	2340	429	45	447	45	2523	245	8.70	217	150	185	490	18981	.....
1888	3256	2549	553	154	570	154	2731	277	8.50	215	156	193	496	19472	.....
1889	2419	2825	500	94	514	94	3016	285	8.33	227	170	207	530	22939	.....
1890	3381	2546	581	254	599	254	2719	278	8.13	225	158	198	601	22545	.....
1891	3203	2566	425	212	449	212	2748	268	8.36	233	175	208	595	25819	.....
1892	3325	2612	549	164	566	164	2793	298	8.96	219	171	201	588	26718	.....
1893	3524	2768	614	142	627	146	2949	320	9.06	222	175	203	677	26527	.....
1894	3406	2683	621	102	636	107	2860	320	9.04	237	192	213	566	27989	.....
1895	3749	2553	1028	168	1091	168	2687	344	9.17	236	173	205	585	29146	.....
1896	4304	3103	1061	140	1124	140	3237	384	8.03	256	200	227	617	29867	.....
1897	4079	2841	1126	112	1220	112	2980	361	8.37	259	212	235	823	29181	.....
1898	4807	2854	1778	175	1868	175	3010	430	8.51	304	212	253	943	28741	.....
1899	4816	2812	1781	223	1882	223	2981	407	8.00	284	236	261	958	31003	.....
1900	4640	2985	1442	213	1534	213	3136	449	9.19	286	235	261	1171	31043	.....
1901	5094	3349	1385	360	1466	360	3527	496	9.26	283	217	255	1169	27667	.....
1902	4936	3227	1429	280	1521	280	3398	411	7.90	284	217	254	1024	27662	.....
1903	5080	3222	1653	205	1737	205	3399	438	8.62	305	251	274	1240	27865	.....
1904	5204	3251	1761	192	1861	192	3433	469	9.01	301	237	276	1246	25020	106,175
1905	5096	3073	1858	165	1968	165	3213	451	8.85	301	236	277	1527	21874	110,631
1906	5075	2850	2050	175	2188	175	2968	489	9.61	303	226	272	1650	20010	99,251
1907	5517	3285	2057	175	2189	175	3429	471	8.53	307	252	279	1829	20358	107,063
1908	5362	3417	1837	108	1971	108	3558	465	8.65	323	252	291	1586	20729	116,008
1909	5871	3380	2227	264	2378	264	3525	451	7.68	313	261	288	1737	21518	121,327
1910	6092	3523	2223	346	2361	346	3685	450	7.38	317	262	289	1695	22302	124,584
1911	6495	3874	2114	507	2269	507	4005	475	7.31	320	260	295	2289	22232	135,809
1912	6629	3470	2583	576	2777	613	3779	470	7.00	316	270	294	1939	22639	136,095
1913	6251	3014	2507	730	2670	763	3116	428	6.80	327	281	305	1693	24887	147,428
1914	6413	3252	2400	761	2606	844	3499	425	6.60	339	290	318	1658	24957	158,090
1915	6503	3424	2119	960	2227	960	3642	405	6.20	340	247	312+	1423	29213	190,628
1916	6507	3047	2360	1100	2444	1193	3151	409	6.28	366	204	305+	1351	31061	201,375
*1917	6699	2549	3591	559	3720	682	2620	401	5.98	330	244	318+	1612	31104	205,524
*1918	6702	1072	3820	1810	4003	1896	1123	578	8.62	431	226	328+	2031	25541	168,183
*1919	6074	770	4169	1135	3588	1412	1088	406	6.68	339	278	308+	1843	27948	179,973

* Does not include Phillips House.

Total No. of patients in wards from the year 1821, 232,003.

REPORT OF THE ADMINISTRATOR

To the Trustees of the Massachusetts General Hospital:

Gentlemen: — Herewith is submitted the report of the Administrator from March 27 to December 31, 1919.

The appointment of an Administrator, who did not also act as Resident Physician, naturally brought about some changes in the administration of the Hospital. Early in April a Budget was prepared, and the General Hospital, the Out-Patient Department, and the Phillips House were placed on a Budget operation. The result has been satisfactory. The knowledge thereby gained as to the channels of expenditure of the Hospital funds has enabled numerous small economies to be made, which in the aggregate have reached a respectable figure.

Out of this sum a large part of the general repair work of the Hospital, which had run behind during the two years of war, has been carried through, and many special expenditures for new equipment have been made without exceeding the Budget laid down.

Yours very truly,

Parker H. Kemble,
Administrator.

FINANCIAL TABLES

Total Expenses.

	General Hospital.	Out-Patient Department.	Consultation Clinic.	Phillips House.
1917	$503,719.18	$110,543.67	$6,794.01	$60,558.74
1918	519,569.44	100,434.59	32.10	150,770.21
1919	557,077.99	109,583.58	. . . .	259,396.52

Total Receipts.

1917	$183,763.43	$99,872.13	$6,922.00	$44,481.88
1918	249,317.25	91,429.70	. . . .	181,902.33
1919	250,482.75	110,782.46	. . . .	297,739.31

General Hospital

	Average Daily Cost per House Patient.	Daily Cost per Capita for Provisions for all Persons Supported.
1911	$2.65 +	$0.28 —
1912	3.00 +	0.31 +
1913	3.01 +	0.33 +
1914	3.09 +	0.34 +
1915	3.31 +	0.32 +
1916	4.05 +	0.37 +
1917	4.36 +	0.41 +
1918	4.37 —	0.48 +
1919	4.77 —	0.54 +

Out-Patient Department

	Cost of Maintenance Out-Patient Department.	Average Daily Cost per Patient.	Total Receipts.
1908	$50,902.61	$0.44 —	$39,955.80
1909	54,739.32	0.45 +	42,636.05
1910	56,383.06	0.45 +	44,296.92
1911	62,476.04	0.46 +	46,643.45
1912	62,704.66	0.46 +	47,607.00
1913	70,077.00	0.47 +	53,453.20
1914	74,710.04	0.47 +	58,668.95
1915	84,451.96	0.44 +	73,521.99
1916	103,233.15	0.51 +	88,256.24
1917	110,543.67	0.54 +	99,872.13
1918	100,434.59	0.60 —	91,429.70
1919	109,583.58	0.61 —	110,782.46

Emergency Ward

	Average Daily Cost per Patient.	Cost of Maintenance of Emergency Ward.	Total Receipts.
1908 . .	$0.78 —	$4,141.03	$518.23
1909 . .	0.83 —	4,389.78	488.88
1910 . .	0.82 —	4,555.97	571.80
1911 . .	0.72 —	4,331.75	618.80
1912 . .	0.78 +	4,343.15	770.17
1913 . .	0.86 +	4,665.50	1,560.07
1914 . .	0.96 +	5,090.52	1,867.38
1915 . .	1.03 +	5,006.69	2,297.97
1916 . .	1.21 +	6,210.98	2,911.60
1917 . .	2.05 —	12,380.79	4,247.25
1918 . .	1.91 —	11,681.11	3,821.30
1919 . .	2.35 —	12,804.62	4,605.85

Statement of Stock on Hand

	1919	1918
Administration Supplies	$4,412.86	$4,072.67
Professional Care of Patients' Supplies	19,289.87	18,738.46
Department Supplies	32,956.70	38,007.51
General House and Property Supplies	12,005.98	7,574.41
General Material	2,725.76	4,954.41
Phillips House.	7,579.03	5,329.50
Total Stock on hand January 1, 1920	$78,970.20	$78,676.96

General Hospital. — Administration Account No. 1, for the Year 1919

	Total	General Hospital	Out-Patient Dept.	Phillips House	Out-Pat. Dept., Social Service	Convalescent Hospital	McLean Hospital	Eye & Ear Infirmary
Salaries and Wages								
Administration, Officers and Clerks	$67,667.76	$46,782.28	$10,502.16	$10,383.32	....	....	....	....
Telephone Operators	4,266.60	1,750.33	569.63	1,946.64	....	....	....	....
Physicians and Surgeons	5,697.06	5,647.06	50.00	....	....	....	....	....
Supt. of Nurses, Assistants and Instructors	9,696.76	9,696.76	....	....	....	....	....	....
Nurses	35,930.47	12,226.60	3,578.73	19,654.76	....	....	....	$470.38
Special Nurses	62,980.10	8,127.87	....	54,852.23	....	....	....	....
Orderlies	23,303.66	19,066.98	1,193.35	3,043.33	....	....	....	....
Apothecary	8,861.18	4,781.42	2,838.62	1,147.54	....	....	....	93.60
Instrument Shop	1,494.79	1,121.10	373.69	....	....	....	....	....
X-Ray Operators and Clerks	15,546.47	5,652.87	4,111.19	5,782.41	....	....	....	....
Ambulance	3,022.85	3,022.85	....	....	....	....	....	....
Messengers, Cleaners and Maids, O. P. Dept.	11,021.95	....	11,021.95	....	....	....	....	....
Other Out-Patient Dept. Employees	12,863.17	....	12,703.17	160.00	....	....	....	....
Housekeeping and Kitchen Wages	106,762.69	65,451.68	3,928.00	37,383.01	....	....	....	....
Laundry Wages	21,201.15	12,904.67	1,126.39	7,170.09	....	....	....	....
Pathological Laboratory	19,293.16	18,139.65	....	1,153.51	....	....	....	....
Maintenance, Property and Power Plant	38,089.82	22,770.13	5,540.96	4,778.81	....	....	....	4,999.92
Corporation Expenses	1,270.81	910.81	....	....	....	$360.00	....	....
Capital Expenses	1,666.66	1,666.66	....	....	....	....	....	....
Out-Patient Department Social Service	4,042.32	....	....	....	$4,042.32	....	....	....
Total Salaries and Wages	$454,679.43	$239,719.72	$57,537.84	$147,455.65	$4,042.32	$360.00	....	$5,563.90
Supplies								
General Administration Expenses	$28,972.63	$20,670.53	$2,785.73	$5,453.70	$43.75	....	$1.50	$17.42
Medical and Surgical Supplies	73,080.63	36,430.76	25,823.72	10,026.74	290.35	....	20.25	488.81
X-Ray Supplies	11,771.26	6,640.56	3,541.85	1,562.85	26.00	....	....	....
Ambulance and Automobile Supplies	4,358.79	3,845.29	....	513.50	....	....	....	....
Uniforms and Equipment	2,507.38	2,131.62	353.96	21.80	....	....	....	....
Housekeeping and Kitchen Supplies	38,246.63	22,800.59	1,281.42	13,489.42	....	....	1.75	673.45
Laundry Supplies	7,716.34	4,500.16	283.21	2,814.96	....	....	116.06	1.95
Groceries and Provisions	194,070.63	130,708.45	6,628.72	55,737.12	....	....	970.23	26.11
Maintenance, Property and Power Plant	106,092.78	71,980.69	8,767.43	17,147.91	....	....	....	8,196.75
Refunds	6,661.52	5,335.99	689.00	636.53	....	....	....	....
Miscellaneous	3,052.52	1,478.32	684.01	690.57	21.00	....	69.00	109.62
Capital Expenses	2,713.00	2,665.15	....	47.85	....	....	....	....
Out-Patient Department Social Service	628.26	....	....	....	628.26	....	....	....
Dalton Scholarship	750.00	750.00	....	....	....	....	....	....
Total Supplies	$480,622.37	$309,938.11	$50,839.05	$108,142.95	$1,009.36	....	$1,178.79	$9,514.11

General Hospital. — Administration Account No. 1 (*continued*)

Receipts	Total	General Hospital	Out-Patient Dept.	Phillips House	Out-Pat. Dept, Social Service	Convalescent Hospital	McLean Hospital	Eye & Ear Infirmary
Private Room Patients	$223,525.07	$32,624.43	....	$190,900.64	....	....	....	....
Ward Patients	152,683.50	152,683.50	....	....	....	....	....	....
Special Nurses	79,201.23	8,159.91	....	71,041.32	....	....	....	....
Medical and Surgical Supplies	53,868.74	15,682.09	$23,679.01	14,507.64	....	....	....	....
Ambulance	2,585.74	2,072.24	....	513.50	....	....	....	....
X-Rays	37,687.92	12,764.92	9,854.15	15,068.85	....	....	....	....
Emergency Ward Fees	2,951.75	2,951.75	....	....	....	....	....	....
Admission Fees, Out-Patient Dept.	36,373.35	....	36,373.35	....	....	....	....	....
Special Dept. Fees	7,672.20	60.00	7,252.20	360.00	....	....	....	....
Prescriptions	31,680.13	....	31,680.13	....	....	....	....	....
Consultation Clinic Fees	....	....	....	....	....	....	....	....
Miscellaneous	30,774.89	23,483.91	1,943.62	5,347.36	....	....	....	....
Eye and Ear Infirmary	15,078.01	....	....	....	....	....	....	$15,078.01
Out-Patient Department Social Service	178.65	....	....	....	$178.65	....	....	....
Total Hospital Receipts	$674,261.18	$250,482.75	$110,782.46	$297,739.31	$178.65	....	....	$15,078.01

Summary Administration Account No. 1

	Total	General Hospital	Out-Patient Dept.	Phillips House	Out-Pat. Dept., Social Service	Convalescent Hospital	McLean Hospital	Eye & Ear Infirmary
Salaries and Wages	$454,679.43	$239,719.72	$57,537.84	$147,455.65	$4,042.32	$360.00	....	$5,563.90
Supplies	480,622.37	309,938.11	50,839.05	108,142.95	1,009.36	....	$1,178.79	9,514.11
Corporation Expenses and Insurance Paid by Treasurer	12,425.02	7,420.16	1,206.69	3,797.92	....	.25	....	....
Total Expenses	$947,726.82	$557,077.99	$109,583.58	$259,396.52	$5,051.68	$360.25	$1,178.79	$15,078.01
Total Hospital Receipts	$674,261.18	$250,482.75	$110,782.46	$297,739.31	$178.65	....	....	$15,078.01
From Treasurer	257,000.00	....	....	....	....	....	....	....
Bills Paid by Treasurer	1,405.46	....	....	....	....	....	....	....
Corporation Expenses and Insurance Paid by Treasurer	12,425.02	....	....	....	....	....	....	....
Total Receipts	$945,091.66	....	....	....	....	....	....	....
Cash on hand, January 1, 1919 . . $4,635.54	....	....	....	....	....	....	....	....
Cash on hand, December 31, 1919 . . 2,000.38	2,635.16	....	....	....	....	....	....	....
Total	$947,726.82	....	....	....	....	....	....	....

REPORT OF THE LADIES' VISITING COMMITTEE

The work of the Ladies' Visiting Committee has not differed greatly from that of former years. It consists of routine visits throughout the wards which, in many instances, has resulted in coöperation with the Social Service workers. A member of the committee has again paid the salary of one of these workers. The Committee has endeavored to coöperate in the occupational therapy now established in some of the wards, and has placed in Miss Brackett's hands the income from the Joslin Fund for this work. It has also coöperated with the Tide-Over League, and has maintained a general oversight of the Warren Library.

This Committee feels that there is a great opportunity for the enlargement of hospital service in the work of the Warren Library. This work is heartily endorsed by Dr. Richard C. Cabot, who has for a number of years contributed liberally to the fund for the purchase of books. Among the 3,500 books in the Library are volumes of standard novels, as well as some history, biography, books of travel, etc. These are occasionally called for, but the requests from patients for a pleasant story, a good detective story, or the latest novel, must very often be denied as only $50.00 yearly is available from the hospital funds for the Library. Gifts of current fiction are very acceptable, but money for the purchase of books is even more so, as those in touch with this work can more readily understand the needs of the patients.

Special attention is paid to the foreign element in

the wards, and from time to time books have been distributed in nearly a dozen different languages or dialects. As there have been almost 10,000 issues of books to patients and employees this past year, the Committee feels justified in hoping for recognition from the friends of the hospital for the growing work. Through the generosity of Miss Mary Atkinson, the Librarian has been able to procure an assistant for three afternoons in the week.

The Committee, in expressing its appreciation of the assistance which it has received from the Administrator, the Officers and others connected with the hospital, wishes to testify to the unfailing helpfulness of Dr. Joseph B. Howland especially during the period when he was acting administrator.

CHARLOTTE S. SPRAGUE,
Secretary.

With the consent of the Trustees the Ladies' Visiting Committee has had the privilege of placing a tablet in the Treadwell Library in memory of Miss Helen Homans, a former member of the Committee and a worker in the Social Service, who in 1915 went abroad to serve in the hospitals, and who died in the service of France.

The Committee has experienced a great loss in the death of Miss Annie Norton Ward, for many years a most devoted visitor and friend of the hospital, whose constant thought, faithful visiting and charming personality did much to alleviate the sufferings of the patients.

J. L. MOTLEY,
Chairman.

REPORT OF THE ADVISORY COMMITTEE ON THE GENERAL HOSPITAL TRAINING SCHOOL

In looking over the events of the year 1919 the Ladies' Committee on the Training School finds two events of especial interest, both vitally affecting the welfare of the students: namely, the decision to establish the eight-hour day for nurses which goes into effect February first, and the long desired installation of heat in Thayer Building. We believe that the health records in future will show a marked improvement, as the three hours off duty makes it worth while for the nurses to take the necessary fresh air and rest which insure better resistance to illness.

All the training schools are feeling the lack of probationers, and in some parts of the country the situation is really critical. Though we are not at that point yet, the number of probationers entering in 1919 — eighty-five — is smaller than for some years past. While this may be partly due to an after-war reaction, there is no doubt that the nursing profession attracts less today, when so many more opportunities are open to women than formerly.

The Committee believes most earnestly that better living conditions are necessary in order to keep the standard high and to attract the type of woman the profession needs, and we are eagerly looking forward to the day when we may have another new home within the hospital bounds.

The Army hospital nurses who are here, eight at a time for four month periods, have rendered good service and this plan will continue through 1920.

The Graduation exercises which took place on January 15th were most inspiring; the address by Dean Mills of Vassar gave the students much to take with them in their new responsibilities, while the fine singing of the Glee Club added not a little to the pleasure of the audience, which also appreciated heartily the school song written and composed for the occasion.

This report would be incomplete without mention of the return of Dr. Washburn, administrator of the hospital, and Miss Parsons, superintendent of nurses, and we heartily welcome them back from their unselfish service overseas. Miss Parsons' substitute, Miss Helen Wood, gave the committee two years of hearty and harmonious coöperation, which was sincerely appreciated, and we know that she carries to her new work the highest ideals for the training of nurses.

MARGARET F. MOTLEY,
Secretary of Ladies' Committee.

REPORT OF THE SUPERINTENDENT OF NURSES TO THE RESIDENT PHYSICIAN

STATISTICAL REPORT

December 31, 1919

Number of graduate nurses in school	33
Number of pupil nurses	167
Number of probationers	28
Number of affiliated nurses	22
Number of post-graduate students	1
Total	251

During year:

Graduated in 1919	78
Probationers admitted	85
Probationers accepted	64
Probationers still in school	28
Probationers dropped	21
Pupils dropped or withdrawn	6
Nurses from affiliated schools having taken course	45
Post-graduates	3

Student nurses affiliated with other hospitals:

Boston Lying-In Hospital	7
Wesson Maternity Hospital	18
Social Service Department	1
Phillips House	8
District Nursing Association	4
Massachusetts Eye and Ear Infirmary	4

Pupils from McLean Hospital now spend six months with us, and we continue our affiliations with the Children's Hospital, Faulkner Hospital, Sturdy Memorial Hospital, and the Holyoke City Hospital.

We have had also eight Army Hospital nurses with us for a four months' course beginning October first.

We began in October the system of a 52-hour week for day nurses, and by vote of the Trustees the 52-hour week for both day and night nurses is to go into effect February 1, 1920.

We have had the privilege of using twelve of the Public Health scholarships given by the Metropolitan Chapter of the Red Cross, which have been greatly appreciated.

Training schools for nurses were invited this year to send representatives to the International Convention of Student Volunteers which was held in Des Moines beginning December 31st. This is the first time nursing schools have been recognized by this conference. Two students were sent by the Student Government Association, accompaniel by Miss McCrae, who represented the faculty.

To the names reported last year of nurses who died while in Army service, there should be added those of Constance Sinclair and Jessie Brown Jaggard, who died overseas while on active duty in the Canadian service, and Mary F. Emery and Anna Belle West, who died in Army hospitals after returning to this country.

Six scholarships have been awarded. We could use more profitably if we had them.

There have been an unusual number of changes in the graduate personnel, the most notable being the resignation of Miss Helen Wood on November first.

Miss Parsons resumed her position on October first after a five months' leave of absence granted by the Trustees after she returned from overseas. Two months and a half were spent visiting hospitals, schools, and Massachusetts General Hospital graduates for the sake of studying other methods, particularly in the university schools. This was a very profitable trip.

Miss Wood's resignation was deeply regretted, but she has gone to the Barnes Hospital to take direction of the Washington University School for Nurses, a

difficult but very important position, where we are sure she will duplicate the great success of her work in the Massachusetts General.

Respectfully submitted,

SARA E. PARSONS,
Sup't Training School.

MASSACHUSETTS GENERAL HOSPITAL TRAINING SCHOOL FOR NURSES

A THREE-YEAR course is maintained, including a four-month preliminary course, during which time the probationers receive instruction in the classroom.

The pupils receive experience in general medical, surgical and obstetrical work; also operating technique, dietetics, massage and bandaging. Pediatrics, orthopedic and several other branches also receive attention.

Classes and lectures on physiology, anatomy, bacteriology, materia medica, hygiene and sanitation are given by paid instructors.

Personal applications should be made whenever possible on Wednesdays, from 10 A.M. to 1 P.M.

It is well to write previously to the Superintendent of the Training School for the circular of information.

There is a nonpayment system. A tuition fee of fifty dollars ($50) is paid upon entrance for the preliminary course. A deposit of ten dollars ($10) is made for breakage, the balance of which is refunded at graduation. The Hospital furnishes the text-books and the uniforms. There are six scholarships offered yearly to those students who attain the highest average.

There is no arbitrary age limit — acceptance depends upon education, general health and personal qualifications.

A high-school education or a good equivalent is required.

There are attractive special courses, affiliations and post-graduate opportunities.

A 52-hour week has been established for both day and night duty.

For further particulars apply to the Superintendent of the Training School.

ANNUAL REPORT OF TREADWELL LIBRARY, 1919

The Treadwell Library is once more a busy place, thanks to the ending of the war. Since the first of September, there has been a constantly increasing number of readers, and medical research has begun again in good earnest. The latter brings constant regret that our follow-up work ever had to be stopped. It was resumed last spring, but shortly afterwards the loss of another clerk again caused a cessation. Quite recently a volunteer kindly undertook it, but the work for the year has been so irregular that no further report of it is made. There is chance for much improvements of our methods along this line, and the librarian would like to see a radical change made during the coming year; but a restoration of some of the fine clerks dropped two and a half years ago will be necessary first. This return to old numbers would enable us to also resume the much-needed careful inspection of clinical records. Miss Merkel has continued her valuable volunteer work on the operation book, for which we are most grateful.

In June, at the time of the reception given to members of Base Hospital No. 6, the two flags carried by it overseas were given into the custody of the hospital and placed in the Treadwell Library. At the same time the colors carried by Base Hospital No. 55 (Dr. Balch's Unit) were received and also placed in the Library. Photographs of the late Major Howard Walter Beal, Major Harrison Briggs Webster, Capt. William Wright Walcott, Lt.-Col. Ernest Victor Keller, all of the U. S. Army; and Lt. William Henry

Buffum of the U. S. Navy (the five men on our Alumni Honor Roll), have been received from their respective families. These have been framed, suitable legends having been inscribed upon them, and they hang against one of the pilasters in the main reading room. On December 11, a bronze tablet to the memory of Miss Helen Homans, who gave her life in the service of France, was unveiled with appropriate exercises. The tablet is placed immediately below the picture of her father, Dr. John Homans.

A handsome mahogany exhibit case, added to the Library furnishings in February, has given opportunity to show to readers some of our treasures in the way of old and rare books, pictures, bookplates, etc.; and these exhibitions have prompted the offer of interesting loans from various members of the visiting staff.

The Library has been the recipient of an unusually large number of valuable gifts, of which the following is a list:

A portrait of Dr. James J. Putman, from Mrs. Putman.

From Dr. J. Collins Warren, a collection of his reprints, and four photostat copies (enlarged) of the early engravings of the Bulfinch Building.

From Miss C. M. Merkel, a collection of students' tickets of admission to lectures at Harvard University by Doctors Jacob Bigelow, Oliver Wendell Holmes, John Ware and others; date 1849–51.

From Miss Isabel Cummins, a framed photograph of the late Dr. Walter J. Dodd.

From Mr. Charles P. Greenough, a most interesting and valuable collection of medical letters, photographs, and old prescriptions, some of the last dating back into the 17th century. These are all mounted and arranged in careful order, and are enclosed in two portfolios.

From Mr. Sears Gallagher, the artist, a copy of his beautiful etching of the Bulfinch Building.

Books have been received from:

Mr. N. T. Kidder
Dr. J. C. Warren
Dr. R. C. Cabot
Dr. Hugh Williams
Dr. G. W. Holmes
Dr. G. C. Shattuck
Dr. F. A. Washburn
Dr. Reginald Fitz
Dr. Royal Whitman, of Philadelphia
Dr. Walter R. Miles, of the Carnegie Institute
Dr. Benjamin M. Ricketts, of Cincinnati
Dr. E. C. Bull
Miss C. E. Merkel
The Mayo Clinic
Rockefeller Institute for Medical Research
Rockefeller Foundation
Carnegie Institute
Carnegie Endowment for International Peace
Harvard University
Cornell University

Transactions of various Societies and Associations have been acknowledged and many reports and reprints have come in. Dr. J. W. Cummin has been especially kind in saving for us, from the castaways at the Boston Medical Library, certain pamphlets which had a particular interest for us here.

Following are the statistics for the year:

LIBRARY

INCREASE

Number of periodical volumes at beginning of year		4,393
Number of other volumes at beginning of year		5,421
Number of periodical volumes added during the year	72	
Number of other volumes added during the year	84	
Number of periodical volumes lost or withdrawn during the year	0	
Number of other volumes lost during the year	0	
Total number of volumes at end of year		9,970
Number of pamphlets at beginning of year		9,669
Number of pamphlets added during the year	541	
Number of pamphlets withdrawn during the year	43	
Total number of pamphlets at end of year		10,163
Total number of current serials and periodicals		63

USE

Total number of volumes lent for home use	367
Number of restricted loans (over night, 24 hours)	39
Number of interlibrary loans	0
Recorded use in reading rooms (not recorded)	
Total attendance of readers	2,086
Evening attendance of readers (Library not open in the evening)	

RECEIPTS FROM

Fees of members (none)	
Trust funds (approximate)	$225.00
Gifts (none).	
Other sources (Balance of expenses paid by the hospital)	5.37
	$230.37

PAYMENTS FOR

Books	$92.78
Periodicals	245.60
Binding	90.15
Completion of files	.45
Salaries	1,928.78
Other maintenance	290.12+
Total	$2,647.88

RECORDS

Number of volumes indexed and prepared for binding		243
Cards written:		
For clinical catalogue	2,940	
For name catalogue	6,929	
Total		9,869
Number of records copied or abstracted		1,507
Number of individuals consulting records		1,834

The total number of persons using library and records is 3,920 as against 3,386 last year. The max-

imum number was reached in December with 482, and the minimum in June, with 183.

Respectfully submitted,

GRACE W. MYERS,
Librarian.

January 2, 1920.

REPORT OF THE CHIEF OF SOCIAL SERVICE TO THE RESIDENT PHYSICIAN

January 31, 1920

The most significant event of the year for the social work of the hospital was the act of the Trustees on October 17th, when they assumed the financial and administrative control of the Social Service Department of the Out-Patient Department. This organic unification of the social work for the wards and Out-Patient Department brings the two groups of workers into a more consistent relationship that must mean more efficient service to the patients. For fourteen years the Out-Patient Social Service Department has been supervised and supported by a volunteer committee. The action of the Trustees in retaining this Supervisory Committee as an advisory committee for all the social work of the hospital assures the continued interest and invaluable support and counsel of this group that has so admirably served the Department through these fourteen years.

We are glad to report that Mrs. Thayer, Mrs. Lothrop, Dr. Cabot, Dr. Osgood and Dr. Lee, who were absent during the war, have returned to service on the Advisory Committee.

Miss Cannon was absent on leave until September, to prepare for the social workers in the Department of Civilian Relief of the Red Cross a manual on "Medical Resources and How to Work with Them."

Aside from the return of the members of the Committee, the close of the war has also meant that our

volunteer service, which was much handicapped during the war, is now being strengthened.

Correlating Service in Wards and Out-Patient Department

There has been an increasing tendency to relate more closely the social work for patients treated both in the wards and Out-Patient clinics.

The reorganization facilitates this tendency, and we now have a policy whereby patients sent to the wards from the Orthopedic, Children's Medical, Neurological, South Medical (syphilis), and Genito-Urinary clinics and needing social service shall be served by the social workers in the Out-Patient clinics where they were first brought to our attention.

Bulk of Patients Served

Eight hundred and ninety-three patients were referred from the wards for social service. In the Out-Patient Department, exclusive of the South Medical Clinic, 1,429 new patients were referred, and 1,219 were carried over from previous years. In the South Medical Clinic, all patients are reviewed by a social worker to assure a careful follow-up, and 72 were selected for careful social study.

A Special Study of Young Women with Syphilis

Through the generosity of one interested in the serious social problems of syphilis, a trained social worker has been assigned to a special study of the young women between fifteen and twenty-five years of age who come to the syphilis clinic. A full report of this study will be found in the separate report of the Department. The significant facts that have been brought out in this study of seventy-two young women is that the great majority came from broken homes, and that

this fact and any tendency toward delinquency antedated the contraction of syphilis

Our Teaching Problem

We have, as for several years, carried the responsibility of teaching students in medical-social work, pupil nurses from the training school and volunteers. Fourth-year medical students assigned to the wards have had weekly medical-social case conferences with the Chief of Social Service. This teaching has been carried by our workers who are also carrying heavy executive duties. We hope that the time may soon come when it will be financially possible to employ an educational director to give full time to this important work and to direct the medical-social studies that we are being asked increasingly to carry on with the medical staff.

The Department was remembered in the will of Mr. Philip L. Saltonstall, who left five thousand dollars to add to our Endowment Fund. Through the continued interest and generosity of the Committee of the Permanent Charity Fund Incorporated, we have had a grant of five thousand dollars for the Out-Patient Social Service and two thousand dollars for the wards. These grants have made it possible to maintain our staff of workers during a period of special stress.

The Department has lost by death one of the ablest and most beloved members of the staff, Miss Hilda Hough, who, having mastered herself in the face of a serious physical handicap, gave through her social work a quality of service that was a great inspiration not only to her patients but also to her fellow workers.

Ida M. Cannon,
Chief of Social Service.

ADVISORY COMMITTEE
SOCIAL SERVICE DEPARTMENT
MASSACHUSETTS GENERAL HOSPITAL

Dr. Richard C. Cabot, *Chairman*
Mr. Jeffrey R. Brackett
Dr. Nathaniel W. Faxon
Dr. Daniel F. Jones
Dr. Roger I. Lee
Mrs. William H. Lothrop
Dr. Harry C. Low
Mrs. Charles E. Mason
Dr. George R. Minot
Miss Frances R. Morse
Dr. Robert B. Osgood
Mr. Francis P. Sears
Dr. C. Morton Smith
Dr. Richard M. Smith
Dr. Edward W. Taylor
Mrs. Nathaniel Thayer
Dr. Frederic A. Washburn

RULES FOR ADMISSION, ETC.

Applications for admission of all patients, except to Phillips House, should be made at The Moseley Memorial Building, Fruit Street, Boston, on week days between the hours of 9 A.M. and 3 P.M.

Emergencies and recent accidents admitted at all hours.

Applications from a distance should be made in writing, accompanied by a full description of the case by the attending physician, with reason of the physician for thinking hospital treatment desirable, and when a free bed is needed, by a statement of the pecuniary condition of the patient. Always wait for a reply before sending the patient.

Contagious cases are not admitted to the hospital, and only such chronic cases as can be partially relieved by temporary treatment.

Paying patients in rooms will be charged $35 per week. In the general wards the rate of board to paying patients is $17.50 per week. These rates, covering only expenses of board and lodging, may be increased or abated in individual cases by the Resident Physician.

In cases requiring gratuitous treatment no charge will be made.

An ambulance, accompanied by a medical officer, will be despatched to any point within the city proper for the conveyance of cases of accident or urgent sickness, not contagious, to this hospital, or elsewhere, upon notice from a physician, the police, or other responsible source, subject to the approval of the Resident Physician.

The Out-Patient Department is for the poor only and is open from 8.30 to 10 in the morning, Sundays and holidays excepted.

Phillips House. All inquiries concerning the admission of private patients should be made to the Resident Physician, Massachusetts General Hospital.

There is a separate entrance for this department at 265 Charles Street. Telephone service is also separate. All inquiries for private patients should be made through "Haymarket," 4490, and not through the regular hospital exchange.

Ambulance service is provided.

The private ward is for the treatment of general medical and surgical diseases and obstetrical cases. Contagious diseases, cases of alcoholism and drug habit are not admitted.

Patients in the Phillips House may be attended only by members of the staff and alumni of the hospital.

PROCTOR HOUSE MEN'S BELKNAP PIERCE BUILDING WOMEN'S BELKNAP APPLETON HOUSE CHAPEL SUPT'S HOUSE

McLEAN HOSPITAL

THE ONE HUNDRED AND SECOND REPORT OF THE SUPERINTENDENT OF THE McLEAN HOSPITAL

To the Trustees of the Massachusetts General Hospital:

The following report of the McLean Hospital for the year 1919 is respectfully submitted:

One hundred and forty patients were admitted, one hundred and forty-two were discharged, and two hundred and six remained in the hospital at the end of the calendar year. The whole number under treatment was three hundred and fifty-four. The daily average was two hundred and eight, which is the same as that of last year. The recoveries were 31.4 per cent of the admissions and practically the same of the discharges (30.98 per cent). Of the one hundred and forty admissions, seventy-eight were primarily voluntary patients, and four became such by signing an application to remain under treatment at the expiration of the legal period for temporary care and observation. Of these eighty-two voluntary patients, three were committed because of a formal request for discharge which could not properly be granted. There remained on this basis at the end of the year seventy-two persons, twenty-nine men and forty-three women, five less than last year. During the year twelve patients were admitted for temporary care (Acts of 1915, chapter 174), four less than last year, and one by court warrant pending examination and hearing (Acts of 1909, chapter 504). Of these, four made voluntary application to remain at the hospital, eight were formally committed, including one inebriate commitment, and one was discharged. One voluntary patient remaining at the end of last year was committed during the year. Of the one hundred and forty patients admitted, seventeen came from hos-

pitals in Massachusetts and six from hospitals in other states. In addition to these, seven were received from the Psychopathic Department of the Boston State Hospital, to which they had been admitted for observation, and one by transfer, who had been committed to the Psychopathic Department. The statistical tables appearing later in this report are for the year ending September 30, and are made in the forms suggested by the American Medico-Psychological Association and adopted by the Massachusetts State Commission on Mental Diseases. Forms 1 and 2 are not required of private hospitals and are therefore omitted.

During most of the year the hospital has again served the public to the limit of its capacity. It fills a special need, standing, as it does, between the small private institutions, where the rates are high, and the state hospitals. To it the average representative citizen turns for help. It has been necessary to decline many applications because of lack of room, among which were several requests for single cottages. As stated in previous reports, more cottages for single patients are desirable. The income from these would help to provide a surplus to be used in the care of others in less fortunate financial circumstances.

The past year, as usual, has added to the long list, begun with the opening of the hospital, now over one hundred years ago, of those who have received care and treatment at less than cost. The charity thus dispensed during this long period has amounted to an enormous sum.

The medical work of the hospital has been carried on with difficulty, owing to inability to fill the vacancies on the staff. Dr. Abbot did not return to the hospital at the end of his military service, and Dr. Otis returned only to resign shortly after to enter practice as a specialist in mental and nervous diseases at New Orleans. On April 18, 1919, Dr. Theodore A. Hoch, formerly Second Assistant Physician, was appointed First As-

sistant Physician, and Dr. Ray L. Whitney, formerly Assistant Physician, was appointed Second Assistant Physician. It has been impossible to obtain Junior Assistants, but the continued service of Mr. Romberg, as Student Assistant, and the addition during the summer of Mr. Sanford and later of Mr. Stillman, all fourth year medical students, have partially filled the requirements. These men gave all their time to the hospital during vacation periods and part time during the school year.

Under these circumstances the hospital has been able to take reasonably good care of its patients, but not without a neglect of the scientific work and some curtailment of the records. The notes on patients have been shorter and less frequent. The appointment of Dr. MacIver on Nov. 29, 1919, and his assumption of this work has already relieved the situation, and within a short time the records will be brought up to date and the ordinary routine maintained.

Routine examinations of the urine of every patient have been made on admission and thereafter when necessary. Blood examinations have been made when indicated, as have tests for the Wassermann Reaction of the blood and spinal fluid. Diarsenol has been administered intravenously in the treatment of cases giving a positive reaction.

The women patients have received 5,033 medical baths, the men 2,598; women patients were given 1,488 exercises and treatments with the Zander apparatus, and men 2,305. Besides numerous massage treatments on the wards, women patients received 162 massage treatments at the baths, and men 185. An average of ten patients a day were treated in the continuous baths.

Arrangements have been made with the dentist who does the work at the hospital to examine thoroughly the teeth of each new patient admitted, to make a record of the condition found, stating the necessary and advisable work to be done. Special forms to be filed

with the patient's record have been provided, on which the results of the first examination are recorded and such work as may be done thereafter. To facilitate such work it is desirable that a proper dental outfit be added to the hospital equipment.

At the beginning of the year Dr. Wells resumed his work, of which the following is a brief report:

The experimental work of the psychological department now reaches all admissions capable of the necessary coöperation. Routine use is made of the Stanford Binet Scale and of the free association experiment. Other work, as yet of a more strictly research character, includes a study in the pathology of the simple reaction process, a study in conditioned reactions, special personality studies, graphic records of station (Romberg), a problem in the threshold of consciousness, and other topics without special classification. The purpose underlying these researches is to provide improved methods of observation, with particular reference, on the one hand, to differential criteria for types of disorder varying in diagnosis and prognosis; on the other hand, to understanding the mental equipment which the patient brings to bear upon his situation, as it affects his readjustment thereto.

Papers were presented during the year as follows:

"Experiments Regarding Levels of Consciousness." American Psychopathological Association.
"Intelligence and Psychosis," New England Society of Psychiatry.
"Superior Intelligence Quotients in Mental Breakdown," American Psychological Association.

Publications of the year include:

Original articles:

Psychological Parerga. (5 titles.) E. S. Abbot and F. L. Wells. (Psychological Review.)
Briefer Studies from the Psychological Laboratory of McLean Hospital. (7 titles.) C. M. Kelley and F. L. Wells. (Journal of Applied Psychology.)

Address at the First Annual Meeting of the Association of Life Agency Officers, Chicago, Ill. F. L. Wells. (Report of Proceedings.)

Symbolism and Synaesthesia. F. L. Wells. (American Journal of Insanity.)

Reviews:

Dumas, G., Troubles Mentaux et Troubles Nerveux de Guerre. (Journal of Philosophy, Psychology and Scientific Methods.)

Dumas, G., and Aimé, H., Névroses et Psychoses de Guerre chez les Austro-Allemands. (Journal of Philosophy, Psychology and Scientific Methods.)

Jennings, H. S., Watson, J. B., Meyer, A., and Thomas, W. I., Suggestions of Modern Science Concerning Education. (Mental Hygiene.)

Bloomfield, Meyer. Management and Men. (Mental Hygiene.)

Abstracts of Periodical Literature. (42 titles.) (American Journal of Insanity.) (F. L. Wells.)

The traditions of the institution accustom it to leadership in scientific work. For some time past, especially as a result of war conditions with attendant depletion of the scientific staff, this position has not been wholly maintained. The productivity of these departments is lessened at a time when scientific work and spirit are of heightened import and more insistently required by professional and enlightened public judgment. Resumption of scientific work in at least its former scope must be contemplated if the institution is to sustain the prestige won in other years by the extensive contributions of its laboratories to scientific progress.

Of the types of scientific service adapted to hospitals of this character, psychological work has probably the widest applications, which were recently made the subject of a special memorandum transmitted to executives in other institutions. A suitable selection of problems can keep the material cost very low, without sacrifice of scientific value or practical balance. The social status of the patients uniformly admitted

to McLean Hospital is also favorable to this class of work. In pathology, except as regards certain problems in experimental pathology, the situation at this hospital is much less favorable, owing to the limited material here available. Experimental physiology and physiological chemistry, especially as related to endocrinology, offer more promising fields, which correlate exceptionally well with the existing psychological service. They have the important advantage over neuropathology that the correlation of findings does not have to wait on death.

The special service of the psychological department of the institution to the military establishment has not been officially reported. Some notable portion of the mental examination methods pertaining to the Surgeon General's Office and the Air Service originated with this department. It is believed that an essential principle in the application of intelligence measures to military use (coachproofing through systematic alternation of material) also originated with this department. Since the cessation of hostilities these contributions have become public property and are in wide use.

This institution, and others of its class, continually meet with cases whose breakdown has been at least facilitated by faulty adjustment of the patient's abilities and interests to his occupation and general surroundings. Recovered patients often seek the further aid of the hospital in so readjusting themselves as to lessen the risk of future disturbance. The special opportunity and responsibility is presented to the hospital, to add to the scientific study of the causes and nature of the breakdowns, that of the outside occupations more permanently suited to the patient. An institution like this should strive not only for the best repair of the vessel that has gone on the rocks, but to provide it with a better chart and compass than that under which it formerly went aground.

In sum, the most suitable means of extending the scientific services are (1) to organize a department especially for physiological chemistry to work in coördination with the psychological service, (2) to provide a certain amount of assistance (partly clerical and partly technical) which will make most promptly available to the institution the results of its rapidly accumulating material. Individual problems of permanent readjustment can then be more fully dealt with.

An endowment fund of $200,000 for the maintenance of the scientific laboratories and workers is much needed, in order that this important work can be carried on regardless of the general financial condition of the hospital.

The difficulty of obtaining a sufficient number of nurses which has been so acute since the United States entered the war, began to lessen in the early summer in so far as the men nurses were concerned. By this time a considerable number of graduates and pupil nurses, who had entered the Army Service, began to return, and a goodly number of applicants was accepted for the fall class. The difficulty of obtaining women nurses, however, has continued, and the situation has grown worse rather than better. The pupil nurses have been gradually leaving as they have finished the course, and there have been very few applicants to take their places. Unless conditions change and more new applicants are received, within the next year half the pupil nurses will have gone, and within the next two years the hospital will be practically without pupil nurses. Fortunately during this hard time there have remained in the service of the hospital a small number of Head Nurses and other graduates who, with the pupil nurses, have shown praiseworthy courage and endurance, combined with loyalty and devotion to the institution. Only by the continued and extended use of untrained women attendants directed

by these women has it been possible to care for the usual number of patients. Credit should also be given to the men nurses for the splendid service rendered during the difficult period.

In December an arrangement was made with the Army Nursing School of the Medical Department of the U. S. Army whereby the hospital is to receive, beginning in January, 1920, ten nurses every three months for training in mental and nervous diseases, the training to consist of lectures and practical experience on the wards. It is expected that the arrangement will continue for at least two years.

The falling off of women applicants for the Training School for Nurses is not confined to this hospital. Practically all hospitals in the country are similarly embarrassed. Whatever the causes are, it is probably due among other things, chiefly to the fact that work in industrial fields has of late become more attractive. The inference to be drawn is that if pupil nurses are to be secured, we must make the training school more attractive. The building of a Home for Nurses offers an opportunity in this direction, and it is hoped that the funds for this purpose may soon be available and the conditions for building propitious. This need has been emphasized in past reports.

The Gymnasium Buildings for men and women with their various equipments for diversion and occupational therapy have continued to be used with such satisfactory results as to warrant additions to the space and variety of occupations available. The space in the Men's Gymnasium allotted to occupational work is already inadequate. Many patients have expressed their interest in bookbinding, work which is carried on successfully in other institutions and for which there is at present no room. The average daily number (except Sundays) of patients making use of the various equipments for occupational therapy was twenty-eight for the women and thirteen for the men. The work

in pottery was especially valuable. The quantity and quality of this work has been largely developed, many patients, both men and women, showing special interest and aptitude.

Dances, concerts and moving-picture shows have been given on Tuesday evenings except during the summer months. Captain Belknap of the Mine Laying Squadron on one occasion gave an illustrated talk on the Laying of the North Sea Mine Barrage, in which he took an active part.

The number of automobile drives (regular and private) provided for patients was 1,541. The usual walks, golf, tennis and croquet have furnished outdoor exercise and diversion in their season. During the summer tennis and golf tournaments were arranged from time to time and weekly baseball games were played. On July 4 a special program was arranged, including competitive sports in the afternoon and fireworks in the evening. Throughout the year the greenhouse and in summer the flower gardens have not only furnished plants and cut flowers for the wards, but have given much pleasure to many patients whose condition has allowed them the privilege of going to the garden and picking flowers for themselves, or for distribution on the wards.

The general library for the use of the patients, a department of which the institution is justly proud, has continued to be one of the hospital's most valuable assets. The number of volumes circulated during the year was 9,691. The list of general periodicals subscribed for has numbered twenty-eight. During the year one hundred and sixty-six new books and eighteen volumes of bound periodicals have been added, the total number of books in the library now being 6,426.

The medical library now contains 4,132 volumes. Seventy-three new books have been added and thirty-two medical periodicals have been subscribed for during the year.

The usual Sunday services conducted by the chaplain, the Rev. George J. Prescott, have been held throughout the year with the exception of the summer months.

The experience of the past year has justified the opinion expressed by Dr. Tuttle in his last report, and demonstrated the wisdom of your board in separating the administration of the McLean from that of the General Hospital, and in vesting authority in one head, the Superintendent. This has rendered possible better coördination of the various departments. Harmony has existed among the officers, and a better feeling has developed on the part of the employees, all of which has reacted to the advantage of the patients. Economy and efficiency have resulted.

It has been evident for a considerable time that if the interests of the institution were to be served best, and at the same time its business carried on most economically, a reorganization of the various departments was necessary, and at the beginning of the year under the new administration it was undertaken. The process, always slow and difficult in a hospital, which unlike business concerns cannot shut down temporarily, was made more difficult by the high cost of material and the labor situation. Nevertheless, the reorganization begun by Dr. Tuttle has been continued with good results. Attention was first given to the two problems involving the largest expenditures, namely, the food and the management of the power plant.

Close attention to market conditions and to the quality of the goods purchased, new methods of serving and distributing have improved the food, reduced the waste and lessened the quantity purchased. The use of a small indoor electric motor truck carrying more food in less time from the kitchen to the various buildings has reduced the number of porters required from eleven to five. The introduction of special receptacles constructed on the principle of fireless cookers has in-

sured the serving of hot food to the patients. A rearrangement and partial refurnishing of the main kitchen, plans for which are being worked out, is expected to lead to further efficiency in the preparation and serving of the food. Upon the resignation of the dietitian, Mrs. Baughey, and the appointment of Miss Goodwin in her place, a redivision of the work between the dietitian and the kitchen matron made it possible for the dietitian to fill also the position of Instructor in Cookery in the Training School for Nurses.

The reorganization of the management of the power house and the heating system in general has made it possible to produce the same amount of steam with fewer men (seven less during the summer and four less during the winter), and closer supervision has enabled the same to be done with less fuel. This was in part due to the installation of new boilers.

Other opportunities for economy and efficiency exist, but the year has been too short to work them out. Among the many I should like to mention three in particular which would, if carried out, soon pay for themselves and eventually result in a lessening of expenditure.

The hospital paid for ice during the year $2,600. It has an ice plant capable of producing all the ice needed, but the pumps are small, old, and incapable of caring for more than the refrigerators, now much larger than when the plant was put in twenty-five years ago. It is estimated that a suitable pump can be installed for about $4,000. The ice could then be made for about $600 per year. At the same time it seems advisable in this connection to move the large meat refrigerator to a position beside the other refrigerators, where it will also be adjacent to the chef's cutting room and near the receiving door. It is now inconveniently located at a considerable distance To combine all the refrigerating rooms in this way would permit of rearrangement so as to provide a suitable small

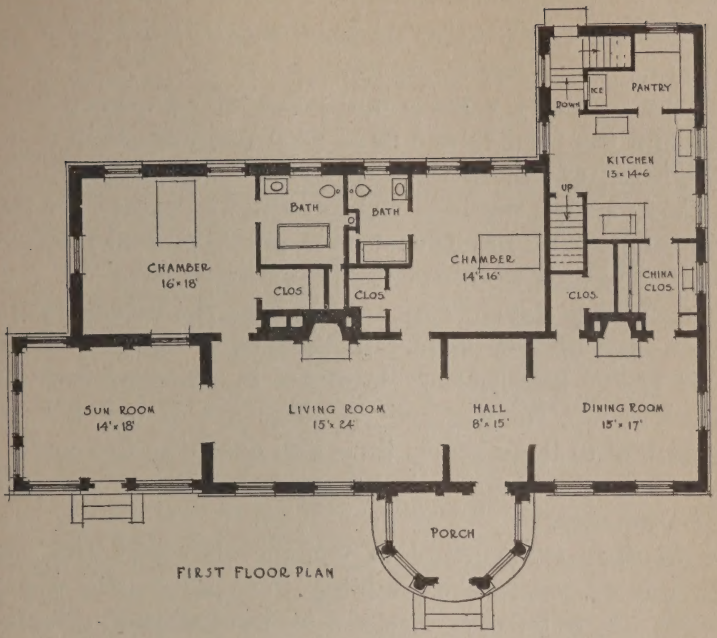
room for the storage of furs, so often asked for by Dr. Tuttle. The cost is estimated to be about $4,000.

The second economy could be effected by the construction of a root cellar which would enable the hospital to buy in quantities when the market price is lowest. It would also save loss of our own products or cold storage charges on same. It is estimated that some $2,000 could be saved in this way each year.

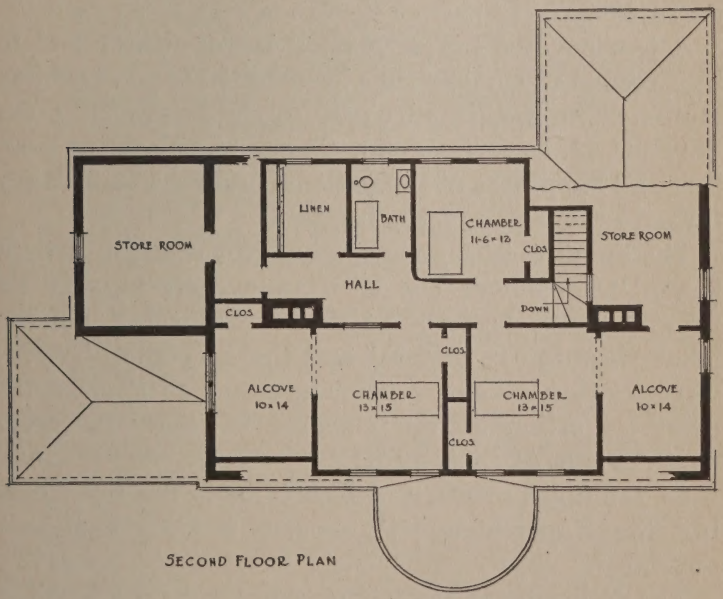
A third opportunity for economy is in making better use of the farm. For example, the hospital is paying $150 per week for cream, a rate of over $7,000 per year. Some of the cows kept are fairly good producers, others are not. It would be possible to produce the required quantity of milk with twelve or fifteen less cows if the quality of the herd were improved. If this could be done and these twelve or fifteen cows replaced with good Guernseys we could produce our own cream at a saving of $7,000 or more a year, since the number of cattle to be fed would be the same as at present. The expenditure of $4,000 to $5,000, a little more than half the saving in one year, would provide the necessary Guernseys of proper quality.

I hope that the advantages to be gained by carrying out the above three specific proposals may commend them to your consideration. I look upon them not as an expansion of your existing plant, but as a means of developing its use to a fuller extent.

The farm has experienced its most prosperous year since the institution was moved to Waverley, due to the fact that it was worked more extensively, more vegetables than usual being grown with good results. Also many pigs were raised and a large apple crop gathered, both of which, because of high prices, helped to give it a large credit. When one realizes that, in addition to vegetable and pork products, the farm furnishes the hospital all the milk used, the production of which it is so necessary to control in order to insure good health to its users, and that it may be made to produce



FIRST FLOOR PLAN



SECOND FLOOR PLAN

PLAN OF NEW COTTAGE

the cream (all without financial burden), its value to the hospital is unquestionable.

The ordinary repairs and painting have been kept up and the furnishings have been maintained in good condition except in the case of the carpetings, which in some places would have been renewed except for the unusually high prices that have prevailed and the fact that the needs were not absolutely imperative.

One large item of expense has been the necessary installation of new boilers in the power house. Three 250 H. P. boilers have been set in place of four of the old and smaller boilers. The use of one will be sufficient in the summer time, and except in the coldest weather two only will be needed, leaving one for emergencies.

Another expenditure of considerable size was due to the necessity of rebuilding the coal trestle which was unexpectedly condemned by the Railroad Administration, although it had been built new only six years ago.

A new covered porch, glassed in for winter and to be screened in summer, has been added to the Codman House. This was in part paid for by money from the Sarah C. M. Lovering fund. It adds much to the comfort and happiness of the patients and thus fulfils very fittingly the terms of the bequest.

The building of the new cottage for a single patient begun last summer has been annoyingly slow in its progress. It was to be finished in December, but the labor situation in general and the carpenters' strike were excuses given by the contractor to explain the delay. I estimate that it should be ready for occupancy about April 1, 1920.

Of the appropriation of $1,000 made for refurnishing the Superintendent's house, $842.42 has been expended.

The following is the list of changes in the hospital staff during the year:

Dr. Geo. T. Tuttle resigned as Medical Superintendent on April 15.

Dr. Frederic H. Packard was appointed Medical Superintendent April 4, assuming charge of the Institution on April 15.

Dr. Theodore A. Hoch was appointed First Assistant Physician and Dr. Ray L. Whitney was appointed Second Assistant Physician on April 19.

Dr. Walter J. Otis returned from Military Service to enter the Hospital again as Junior Assistant on April 15 and resigned April 30.

Dr. Geo. A. MacIver entered the service of the Hospital as Assistant Physician on December 1.

Mr. Clarence H. Sanford and Mr. Raymond D. Stillman entered the service of the Hospital as Student Assistants on June 3 and October 3, respectively.

Mr. Vernon L. Strout resigned as Apothecary on February 28 and Mr. Charles W. Noyes returned from Military Service to serve the Hospital as Apothecary on March 1. He resigned November 30.

Jennie McIntosh, Superintendent of nurses, was granted leave of absence on account of ill health November 20. On that day Alice M. Cochrane, Assistant Superintendent of Nurses assumed charge as Acting Superintendent of Nurses. On November 17 Ella E. Havens entered the service of the Hospital temporarily to act as Assistant Superintendent of Nurses.

Sarah J. Noyes, Supervisor of the Women's Department, resigned October 4 and Marguerite Stevens acted as Supervisor until December 29, when she resigned, and Georgia H. Reed was regularly appointed Supervisor.

Elias L. Clouthier entered the service of the Hospital as Apothecary on December 3.

David H. Holmes reëntered the service of the Hospital as Instructor in Physical Training May 20 and resigned August 20.

Anna L. Baughey, Dietitian, resigned May 11 and was succeeded by Caroline C. Goodwin, who also retained her position as Instructor in Cookery.

Grateful acknowledgment is made to the following:

The Trustees of the Sarah C. M. Lovering fund for $1,500 expended as follows:

Books	$89.75
Tennis Net	5.52
Tennis Rackets	23.45
Tennis Balls	37.62
Croquet Balls	13.60

Golf Balls	$58.75
Golf Clubs	11.43
10 Base Ball Uniforms	68.50
1 Set Base Ball Bases	5.39
Base Ball Bats	8.27
Base Ball Mitt	2.70
Base Balls	43.03
1 Billiard Ball	11.00
Cues and Cue Points	12.25
Fireworks for July 4th	50.00
Potters Wheel	100.00
Electric Motor for same	45.00
Codman Porch	913.74

Capt. Reginald R. Belknap for his illustrated lecture on The North Sea Mine Barrage.

The Boston Florist Association for flowers on the anniversary of Armistice Day.

Miss Charlotte Hallowell for flowers.

The Wellesley Woman's Club for four knitting machines.

In conclusion I wish to thank the members of the McLean Committee for their helpfulness and the Board of Trustees for their support during the year.

FREDERIC H. PACKARD,
Medical Superintendent.

McLean Hospital — Table No. 1

ADMINISTRATION ACCOUNT NO. 2 FOR THE YEAR 1919

	Total	McLean Hospital	General Hospital	Phillips House	Convalescent Hospital	Treasurer
Salaries and Wages						
Administration, Officers and Clerks	$8,907.49	$8,907.49	....	....	....	....
Medical Officers	12,428.78	12,428.78	....	....	....	....
Supt. of Nurses, Assistants and Instructors	5,618.27	5,618.27	....	....	....	....
Women Nurses	24,174.68	24,174.68	....	....	....	....
Men Nurses	22,555.15	22,555.15	....	....	....	....
Druggists	662.53	662.53	....	....	....	....
Ward Maids	9,370.85	9,370.85	....	....	....	....
Barber	825.19	825.19	....	....	....	....
Diversions	3,651.69	3,651.69	....	....	....	....
Libraries	600.00	600.00	....	....	....	....
Laboratories	5,226.62	5,226.62	....	....	....	....
Housekeeping and Kitchen Wages	34,249.56	34,249.56	....	....	....	....
Laundry Wages	8,576.44	8,576.44	....	....	....	....
Stables	5,278.01	4,922.34	$301.05	$54.62	....	....
Farm and Garden	19,630.16	19,630.16	....	....	....	....
Maintenance, Property and Power Plant	43,845.42	43,832.07	....	....	$13.35	....
Miscellaneous	420.00	420.00	....	....	....	....
Corporation Expenses	....	....	....	....	....	....
Total Salaries and Wages	$206,020.84	$205,651.82	$301.05	$54.62	$13.35	....
Supplies						
General Administration Expenses	$4,970.81	$4,970.81	....	....	....	....
Libraries	576.97	576.97	....	....	....	....
Medical and Surgical Supplies	1,913.26	1,913.26	....	....	....	....
Nurses' Uniforms and Equipment	797.95	797.95	....	....	....	....
Housekeeping and Kitchen Supplies	14,036.09	14,036.09	....	....	....	....
Laundry Supplies	582.54	582.54	....	....	....	....
Groceries and Provisions	120,349.44	111,663.45	$7,380.88	$1,305.11	....	....
Stables	12,661.23	12,642.03	19.20	....	....	....
Farm and Garden	15,557.34	13,947.54	1,600.90	8.90	....	....
Maintenance, Property and Power Plant	87,633.63	87,633.63	....	....	....	....
Laboratories	23.52	23.52	....	....	....	....
Diversions	1,860.27	1,860.27	....	....	....	....
Purchases for Patients	17,897.17	17,897.17	....	....	....	....
Miscellaneous	50.00	50.00	....	....	....	....
Total Supplies	$278,910.22	$268,595.23	$9,009.98	$1,314.01		

McLean Hospital — Table No. 1 (*continued*)

	Total	McLean Hospital	General Hospital	Phillips House	Convalescent Hospital	Treasurer
Receipts						
Board of Patients	$466,517.98	$466,517.98	....	....	....	....
Private Drives	3,905.50	3,905.50	....	....	....	....
Purchases for Patients	19,844.01	19,844.01	....	....	....	....
Nurses' Uniforms and Equipment	1,119.75	1,119.75	....	....	....	....
Miscellaneous	8,359.03	8,359.03	....	....	....	....
Total Hospital Receipts	$499,746.27	$499,746.27	....	....	....	....

SUMMARY ADMINISTRATION ACCOUNT NO. 2

	Total	McLean Hospital	General Hospital	Phillips House	Convalescent Hospital	
Salaries and Wages	$206,020.84	$205,651.82	$301.05	$54.62	$13.35	....
Supplies	278,910.22	268,595.23	9,000.98	1,314.01	....	....
Corporation Expenses paid by Treasurer	18,528.65	18,528.65	....	....	....	$20,000.00
Cash sent Treasurer	20,000.00	....	....	....	....	....
Total Expenses	$523,459.71	$492,775.70	$9,302.03	$1,368.63	$13.35	$20,000.00
Total Hospital Receipts	$499,746.27	....	....	....	....	....
Corporation Expenses paid by Treasurer	18,528.65	....	....	....	....	....
Total Receipts	$518,274.92	....	....	....	....	....
Cash on hand January 1 $10,721.47	....	....	....	....	....	....
Cash on hand December 31 5,536.68	5,184.79	....	....	....	....	....
Total	$523,459.71	$492,775.70	$9,302.03	$1,368.63	$13.35	$20,000.00

McLEAN HOSPITAL

Table No. 2

COMPARATIVE STATEMENT OF STATISTICS

		1919		1918
Patients in Hospital first of year		205		209
Patients on visit first of year		9		6
		214		215
Patients admitted during year		140		137
Patients discharged during year		142		138
Not insane	7		3	
Recovered	45		41	
Much improved	17		23	
Improved	25		25	
Not improved	28		23	
Deceased	20		23	
Patients in Hospital end of year		206		205
Patients on visit end of year		6		9
		212		214
Total number days' treatment		76,160		75,801
Free patients		121		449
Patients paying less than $30		15,813		18,390
Patients paying $30 or more		60,226		56,962
Average patients per day		209		208
Free patients		0		1
Patients paying less than $30		44		51
Patients paying $30 or more		165		156
Average rate of board charged per week		$43.42		$39.98
Average cost per patient per week		41.18		38.46
Daily cost *per capita* for provisions for all persons supported		0.854		0.827

STATISTICAL TABLES

FOR THE YEAR ENDING SEPTEMBER 30, 1919

Form 3

MOVEMENT OF INSANE PATIENT POPULATION FOR YEAR BEGINNING OCT. 1, 1918, AND ENDING SEPT. 30, 1919

	Insane			Other Classes						Total on Books		
				Sane Voluntary			Inebriate					
	M	F	T	M	F	T	M	F	T	M	F	T
1. Patients on books September 30, 1918	92	128	220	..	2	2	....	1	1	92	131	223
Admissions during year												
a. First admissions	29	35	64	1	...	1	2	1	3	32	36	68
b. Re-admissions	33	33	66	3	1	4	....	2	2	36	36	72
Total admissions	62	68	130	4	1	5	2	3	5	68	72	140
c. Transferred from other institutions	4	3	7	..	...	...	....	....	....	4	3	7
2. Total received during the year	66	71	137	4	1	5	2	3	5	72	75	147
3. Total under treatment during the year	158	199	357	4	3	7	2	4	6	164	206	370
Discharged from books during the year												
a. As recovered	20	30	50	..	...	...	....	....	....	20	30	50
b. As improved	24	20	44	..	...	...	....	....	....	24	20	44
c. As unimproved	8	14	22	..	...	...	....	....	....	8	14	22
d. As not insane	.....	.....	.....	3	1	4	2	3	5	5	4	9
e. Transferred to other institutions	2	2	4	..	...	...	....	....	....	2	2	4
f. Died during the year	10	11	21	..	1	1	....	....	....	10	12	22
4. Total discharged from books during the year	64	77	141	3	2	5	2	3	5	69	82	151
5. Patients remaining on books of Inst. Sept. 30, 1919	94	122	216	1	1	2	....	1	1	95	124	219
6*a*. Average daily number pts. on books during year	90.77	124.35	215.12	.79	1.10	1.89	.25	1.73	1.98	91.81	127.18	218.99
b. Avg. daily no. pts. actually in Inst. during year	83.35	121.85	205.20	.73	1.10	1.83	.25	.64	.89	84.33	123.59	207.92
7. Avg. daily no. other insane pts. on books but away	7.42	2.50	9.92	.06	...	0.06	....	1.09	1.09	7.48	3.59	11.07
8. No. voluntary pts. admitted during the year	40	39	79	4	1	5	1	1	2	45	41	86
9. No. temporary care cases admitted during the year	4	6	10	..	...	...	1	....	1	5	6	11
10. No. pts. actually remaining in Inst. Sept. 30, 1919	89	121	210	1	1	2	....	....	....	90	122	212
11. Number of different persons within the year	154	193	347	2	3	5	2	4	6	158	200	358
12. No. of different persons admitted from community	43	50	93	2	1	3	2	2	4	47	53	100
13. No. different persons dismissed to the community	58	72	130	2	2	4	2	3	5	62	77	139
14. Number non-insane patients at end of the year	.....	.....	.....	1	1	2	....	1	1	1	2	3
a. Inebriates	.....	.....	.....	..	...	...	....	1	1	.....	1	1
b. All other cases	.....	.....	.....	1	1	2	....	....	....	1	1	2

Form 4

NATIVITY OF FIRST ADMISSIONS AND OF PARENTS OF FIRST ADMISSIONS

YEAR ENDING SEPTEMBER 30, 1919

Nativity	Insane								
	Patients			Parents of male patients			Parents of female patients		
	M	F	T	M	F	T	M	F	T
United States	24	29	53	19	19	38	20	20	40
Canada	..	6	6	..	1	1	5	4	9
China	1	..	1	1	1	2	..	..	..
England	..	..	..	..	..	..	3	3	6
France	..	..	..	1	..	1	..	..	..
Germany	..	..	..	..	..	..	2	1	3
Ireland	2	..	2	4	3	7	1	1	2
Mexico	1	..	1	1	1	2	..	..	..
Portugal (Azores)	1	..	1	1	1	2	..	..	..
Russia	..	..	..	..	..	..	1	1	2
Born at sea	..	..	..	..	1	1	..	..	..
Total foreign born	5	6	11	8	8	16	12	10	22
Unascertained	..	..	..	2	2	4	3	5	8
Grand total	29	35	64	29	29	58	35	35	*70

Form 5

CITIZENSHIP OF FIRST ADMISSIONS

	Insane		
	M	F	T
Citizens by birth	24	29	53
Citizens by naturalization	2	2	4
Aliens	2	3	5
Citizenship unascertained	1	1	2
Total	29	35	64

Form 6

PSYCHOSES OF FIRST ADMISSIONS

Psychoses	Insane		
	M	F	T
Senile, Total		1	1
Simple deterioration		1	1
With cerebral arteriosclerosis	3	2	5
General paralysis	4		4
Alcoholic, Total	1		1
Acute hallucinosis	1		1
Psychoses with other somatic diseases, Total	2	1	3
Post-infectious psychosis	1		1
Delirium of unknown origin		1	1
Acute delirium with somatic arteriosclerosis	1		1
Manic-depressive, Total	14	23	37
Manic type	2	3	5
Depressive type	12	20	32
Dementia praecox, Total	3	4	7
Paranoid type	2	1	3
Katatonic type		1	1
Hebephrenic type	1	2	3
Paranoid condition	1		1
With mental deficiency		1	1
Undiagnosed	1	3	4
Total	29	35	64

Form 7

RACE OF FIRST ADMISSIONS CLASSIFIED WITH REFERENCE TO PRINCIPAL PSYCHOSES

Race	Insane																																	
	Total			Senile			With cerebral arteriosclerosis			General paralysis			Alcoholic			With somatic disease			Manic-depressive			Dementia praecox			Paranoid condition			With mental deficiency			Undiagnosed		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Chinese	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	..	..	..	..	..	..	..
English	21	27	48	..	1	1	3	2	5	3	..	3	1	..	1	..	..	..	12	17	29	1	3	4	1	..	1	..	1	1	..	3	3
French	1	2	3	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	2	2	..	..	..	..	..	..	..	..	..	..	..	..	..
German	..	2	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	2	..	..	..	..	..	..	..	..	..	..	..	..	..
Irish	4	2	6	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	1	1	2	1	1	2	..	..	..	..	..	..	1	..	1
Jewish	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..
Mexican	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..
Portuguese	1	..	1	..	..	..	..	..	..	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Scotch	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total	29	35	64	..	1	1	3	2	5	4	..	4	1	..	1	2	1	3	14	23	37	3	4	7	1	..	1	..	1	1	1	3	4

Form 8

AGE OF FIRST ADMISSIONS CLASSIFIED WITH REFERENCE TO PRINCIPAL PSYCHOSES

| Psychoses | Insane | | |

Form 9

DEGREE OF EDUCATION OF FIRST ADMISSIONS CLASSIFIED WITH REFERENCE TO PRINCIPAL PSYCHOSES

Psychoses	Insane											
	Total			Common School			High School			College		
	M	F	T	M	F	T	M	F	T	M	F	T
Senile	..	1	1	..	..	..	..	1	1	..	..	..
With cerebral arteriosclerosis	3	2	5	1	..	1	1	2	3	1	..	1
General paralysis	4	..	4	2	..	2	1	..	1	1	..	1
Alcoholic	1	..	1	..	..	..	..	..	..	1	..	1
With somatic disease	2	1	3	..	..	..	1	1	2	1	..	1
Manic-depressive	14	23	37	5	6	11	5	16	21	4	1	5
Dementia-praecox	3	4	7	3	3	6	..	1	1	..	..	..
Paranoid condition	1	..	1	..	..	..	..	..	..	1	..	1
With mental deficiency	..	1	1	..	1	1	..	..	..	..	..	..
Undiagnosed	1	3	4	..	..	..	1	2	3	..	1	1
Total	29	35	64	11	10	21	9	23	32	9	2	11

Form 10

ENVIRONMENT OF FIRST ADMISSIONS CLASSIFIED WITH REFERENCE TO PRINCIPAL PSYCHOSES

Psychoses	Insane								
	Total			Urban			Rural		
	M	F	T	M	F	T	M	F	T
Senile	..	1	1	..	1	1	..	..	..
With cerebral arteriosclerosis	3	2	5	2	1	3	1	1	2
General paralysis	4	..	4	3	..	3	1	..	1
Alcoholic	1	..	1	1	..	1	..	..	..
With somatic disease	2	1	3	1	..	1	1	1	2
Manic-depressive	14	23	37	12	16	28	2	7	9
Dementia praecox	3	4	7	3	4	7	..	..	..
Paranoid condition	1	..	1	1	..	1	..	..	..
With mental deficiency	..	1	1	..	1	1	..	..	..
Undiagnosed	1	3	4	1	1	2	..	2	2
Total	29	35	64	24	24	48	5	11	16

Form 11

ECONOMIC CONDITION OF FIRST ADMISSIONS CLASSIFIED WITH REFERENCE TO PRINCIPAL PSYCHOSES

Psychoses	Insane					
	Total			Comfortable		
	M	F	T	M	F	T
Senile	..	1	1	..	1	1
With cerebral arteriosclerosis	3	2	5	3	2	5
General paralysis	4	..	4	4	..	4
Alcoholic	1	..	1	1	..	1
With somatic disease	2	1	3	2	1	3
Manic-depressive	14	23	37	14	23	37
Dementia praecox	3	4	7	3	4	7
Paranoid condition	1	..	1	1	..	1
With mental deficiency	..	1	1	..	1	1
Undiagnosed	1	3	4	1	3	4
Total	29	35	64	29	35	64

Form 12

USE OF ALCOHOL BY FIRST ADMISSIONS CLASSIFIED WITH REFERENCE TO PRINCIPAL PSYCHOSES

Psychoses	Insane											
	Total			Abstinent			Temperate			Intemperate		
	M	F	T	M	F	T	M	F	T	M	F	T
Senile	..	1	1	..	1	1	..	..	..	..	..	..
With cerebral arteriosclerosis	3	2	5	2	2	4	1	..	1	..	..	..
General paralysis	4	..	4	1	..	1	2	..	2	1	..	1
Alcoholic	1	..	1	..	..	..	..	..	..	1	..	1
With somatic disease	2	1	3	2	1	3	..	..	..	..	..	..
Manic-depressive	14	23	37	9	22	31	5	1	6	..	..	..
Dementia praecox	3	4	7	1	4	5	2	..	2	..	..	..
Paranoid condition	1	..	1	..	..	..	1	..	1	..	..	..
With mental deficiency	..	1	1	..	1	1	..	..	..	..	..	..
Undiagnosed	1	3	4	..	3	3	1	..	1	..	..	..
Total	29	35	64	15	34	49	12	1	13	2	..	2

Form 13

MARITAL CONDITION OF FIRST ADMISSIONS CLASSIFIED WITH REFERENCE TO PRINCIPAL PSYCHOSES

Psychoses	Insane											
	Total			Single			Married			Widowed		
	M	F	T	M	F	T	M	F	T	M	F	T
Senile	..	1	1	..	..	..	..	..	..	..	1	1
With cerebral arteriosclerosis	3	2	5	..	..	..	1	1	2	2	1	3
General paralysis	4	..	4	..	..	..	4	..	4	..	..	..
Alcoholic	1	..	1	..	..	..	1	..	1	..	..	..
With somatic disease	2	1	3	..	..	..	1	1	2	1	..	1
Manic-depressive	14	23	37	4	9	13	9	12	21	1	2	3
Dementia praecox	3	4	7	3	2	5	..	2	2	..	..	..
Paranoid condition	1	..	1	..	..	..	1	..	1	..	..	..
With mental deficiency	..	1	1	..	1	1	..	..	..	..	..	..
Undiagnosed	1	3	4	..	1	1	1	2	3	..	..	..
Total	29	35	64	7	13	20	18	18	36	4	4	8

Form 14

PSYCHOSES OF READMISSIONS

Psychoses	Insane		
	M	F	T
With cerebral arteriosclerosis	2		2
General paralysis	1	2	3
Due to drugs (bromides)	1		1
With somatic disease, Total	1	2	3
a. Delirium with infectious disease	1		1
b. Post-infectious psychosis		2	2
Manic-depressive, Total	21	20	41
a. Manic type	5	6	11
b. Depressive type	16	14	30
Involution melancholia	3		3
Dementia praecox, Total	2	6	8
a. Paranoid type	1	5	6
b. Hebephrenic type	1	1	2
Paranoid condition		1	1
Psychoneurosis, Total		1	1
a. Neurasthenic type		1	1
With mental deficiency	1		1
With constitutional psychopathic inferiority	1		1
Undiagnosed		1	1
Total	33	33	66

Form 15

DISCHARGES OF PATIENTS, EXCLUSIVE OF DEATHS, CLASSIFIED WITH REFERENCE TO PRINCIPAL PSYCHOSES AND CONDITION OF DISCHARGE

Psychoses	Total			Recovered			Improved			Unimproved		
	M	F	T	M	F	T	M	F	T	M	F	T
Traumatic	1	..	1	..	..	..	1	..	1	..	..	..
With cerebral arteriosclerosis	1	1	2	..	..	..	1	1	2	..	..	..
General paralysis	2	3	5	..	..	..	..	2	2	2	1	3
Alcoholic	1	..	1	1	..	1	..	..	..	..	..	..
With somatic disease	3	3	6	3	2	5	..	1	1	..	..	..
Manic-depressive	35	45	80	15	27	42	19	11	30	1	7	8
Involution melancholia	2	..	2	..	..	..	..	..	..	2	..	2
Dementia praecox	4	6	10	..	..	..	2	2	4	2	4	6
Paranoid condition	..	1	1	..	..	..	..	1	1	..	..	..
Psychoneurosis	..	1	1	..	1	1	..	..	..	..	..	..
Undiagnosed	3	4	7	1	..	1	1	2	3	1	2	3
Total	52	64	116	20	30	50	24	20	44	8	14	22

Form 16

CAUSES OF DEATH OF PATIENTS CLASSIFIED WITH REFERENCE TO PRINCIPAL PSYCHOSES

Causes of Death	Total			Senile			With cerebral arteriosclerosis			General paralysis			With cerebral syphilis			Due to drugs			Manic-depressive			Involution melancholia			Paranoid condition			Not insane		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Cerebral hemorrhage	1	3	4	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	2	2	..	..	..	1	..	1	..	..	..
Cardio-vascular-renal disease	2	..	2	..	..	..	1	..	1	..	..	..	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Chronic myocarditis	1	..	1	..	..	..	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Acute peritonitis due to volvulus	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	..	..	..	..	..	..
" " due to carcinoma of the uterus	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	..	..	..
Multiple sarcoma	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	..	..	..
Acute hemorrhagic pancreatitis	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	..	..	..
Facial erysipelas	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	..	..	..
Accidental drowning	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..
General paralysis	5	1	6	..	..	..	..	..	..	5	1	6	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Transverse myelitis	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..
Burns of body and arteriosclerosis	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..
Lobar pneumonia	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1
Total	10	12	22	..	1	1	2	..	2	5	2	7	1	..	1	..	1	1	1	5	6	..	1	1	1	1	2	..	1	1

Form 17

AGE OF PATIENTS AT TIME OF DEATH CLASSIFIED WITH REFERENCE TO PRINCIPAL PSYCHOSES

Psychoses	Total			25–30 years			35–40 years			40–45 years			50–55 years			55–60 years			60–65 years			65–70 years			70–75 years			75–80 years			80–85 years			85–90 years		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Senile	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1
With cerebral arteriosclerosis	2	..	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	1	..	1	..	..	..	..	..	..
General paralysis	5	2	7	..	..	..	2	..	2	..	1	1	2	..	2	1	1	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
With cerebral syphilis	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Due to drugs	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	..	..	..
Manic-depressive	1	5	6	..	..	..	..	..	..	..	..	..	..	..	..	..	2	2	..	1	1	..	..	..	..	1	1	1	1	2	..	..	..	..	..	..
Involution melancholia	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..
Paranoid condition	1	1	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	1	1	..	..	..
Not insane	..	1	1	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total	10	12	22	..	1	1	2	..	2	..	1	1	2	..	2	1	3	4	1	1	2	1	..	1	..	2	2	3	2	5	..	1	1	..	1	1

Form 18

TOTAL DURATION OF HOSPITAL LIFE OF PATIENTS DYING IN HOSPITAL, CLASSIFIED ACCORDING TO PRINCIPAL PSYCHOSES

Psychoses	Total			Less than 1 month			1–3 months			4–7 months			8–12 months			1–2 years			3–4 years			5–6 years			10–15 years			15–20 years			50–55 years		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Senile	..	1	1	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
With cerebral arteriosclerosis	2	..	2	1	..	1	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
General paralysis	5	2	7	..	..	..	1	..	1	2	..	2	..	1	1	2	1	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
With cerebral syphilis	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Due to drugs	..	1	1	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Manic-depressive	1	5	6	..	..	..	..	..	..	..	..	..	..	2	2	..	..	..	..	1	1	..	1	1	1	1	2	..	..	..	..	..	..
Involution melancholia	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..
Paranoid condition	1	1	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	1	1
Not insane	..	1	1	..	..	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total	10	12	22	1	..	1	1	1	2	2	1	3	..	4	4	4	1	5	..	1	1	..	1	1	1	2	3	1	..	1	..	1	1

Form 19

TABLE OF ADMISSIONS, DISCHARGES AND RESULTS FOR TEN YEARS

	Admitted	Discharged	Whole number under care	Died	Much improved	Recovered	Remaining at end of the year	Average number of patients
Year ending Sept. 30, 1910	169	165	388	16	56	37	217	223
" " " 30, 1911	182	182	399	23	63	44	217	220
" " " 30, 1912	172	165	389	14	58	40	221	221
" " " 30, 1913	154	167	375	17	60	45	218	221
" " " 30, 1914	117	133	335	16	35	44	207	217
" " " 30, 1915	122	114	336	15	37	30	211	209
" " " 30, 1916	138	134	360	21	39	39	212	209
" " " 30, 1917	134	139	360	17	16	16	210	210
" " " 30, 1918	143	141	364	21	17	34	233	219
" " " 30, 1919	147	151	370	22	20	50	219	219

Total number of admissions from the year 1818 — 11,548

THIRTY-SEVENTH ANNUAL REPORT OF THE McLEAN HOSPITAL TRAINING SCHOOL FOR NURSES

THE Training School for Nurses, with the completion of the thirty-eight years of its existence, has a roll of graduates including 927 names — 598 women and 329 men. In the following summary it is shown how many remain in the work of nursing, and into what positions of life others have gone.

	MEN	WOMEN
Number of graduates in thirty-three years	329	598
Graduates remaining in the service as nurses	13	29
Graduates remaining in the service as officers	1	5
Pupils in Massachusetts General Hospital Training School	..	5
Superintendents of hospitals	3	5
Superintendents of nurses, other hospitals	..	8
Employed in other institutions	17	26
Engaged in private nursing	81	179
Instructor of nurses	..	5
Instructor in handicraft	1	..
District nurses	..	2
Social workers	..	3
Office nurse	..	5
Public Health nurses	..	5
Anesthetists	..	1
Students	15	.
Physicians	49	4
Chiropodist	1	.
Dentists	10	.
Lawyers	5	.
Clergyman	1	.
Principal of high school	1	.
In other business	80	3
At home	5	40
Married and left the profession	..	222
Deceased	26	45

Pupils now in this school	28	19
Unknown	20	6

It will be seen from this table that of the 553 women graduates of the school who are now living 282 are still in the profession of nursing; and that of the 303 men graduates who are now alive 132 are still nurses. Fifty-five of the men graduates have become physicians; of these 3 are superintendents of hospitals, 49 are in private practice and 3 have died. Five women are physicians; of these 1 is married and has left the profession, 4 are in private practice.

It has still been necessary to employ some women attendants in order that the hospital might have a sufficient number of persons to care for its patients.

During the year 6 men were admitted from the Mills Training School of the Bellevue Hospital for a post-graduate course of one year, and 7 returned from war work to complete their training.

All graduates are requested to communicate with the superintendent of nurses yearly during the month of December, giving correct addresses for the annual report.

Frederic H. Packard,
Medical Superintendent.

McLEAN HOSPITAL TRAINING SCHOOL FOR NURSES, WAVERLEY, MASS.

1882–1919

The Trustees of the Massachusetts General Hospital Corporation established a school for the instruction of nurses at the McLean Hospital in 1882. It gives to men and women desirous of becoming professional nurses a course of training in general nursing, with special reference to the care of cases of nervous and mental disease. The school is conducted by the Superintendent of the Hospital under the authority of the Board of Trustees.

At no time since the school was opened have there been greater demands for nurses, or greater opportunities for success in the practice of their profession. Of late years the public has come to recognize more fully the value of the nurse when there is sickness in the family. The growth of hospitals has been such as to increase the need for nurses in executive and other positions. New and very attractive fields have been opened in industrial establishments and in public health nursing.

Those wishing to take the course of instruction should write to the Superintendent of the McLean Hospital, Waverley, Mass., giving a brief personal history, and also the names and addresses of three responsible persons, not of their own kin, who know of their character and capabilities. If on receipt of this letter it is thought advisable for such prospective candidates to

GROUNDS OF
Mc. LEAN HOSPITAL
CONVALESCENT HOSPITAL
— AND —
PROPOSED COUNTRY BRANCH OF THE GENERAL HOSPITAL

Area 317.8± Acres

A	Pierce Building	
B	Upham Memorial	for Men
C	Belknap House	" "
D	Proctor House	" "
E	Bowditch House	" "
F	Gymnasium	" "
G	Belknap House	for Women
H	Appleton House	" "
I	East House	" "
J	Wyman House	" "
K	Codman House	" "
L	Gymnasium	" "
M	Hope Cottage	" "
N	Cottage for one Patient	
N	Arlington House	
O	The Samuel Eliot Memorial Chapel	
P	Entertainment Hall, Kitchen and Laboratory	
Q	Superintendent	
R	Assistant Physician	
S	Cottage	

1	Pumping, Heating and Electric Station
2	Stables
3	Farm Houses
4	Farm House and Stable
5	Green Houses
6	Cow Barns
7	Piggeries
8	Springs
9	Coal Pockets
10	New Farm Stable
11	Milk House

WALTHAM

WINTER ST.

CONCORD TURNPIKE

Burdikine

Beaver Brook

Site of the Proposed Country Branch of the General Hospital

MILL STREET

MASS. GEN. HOSPITAL CONVALESCENT HOSPITAL

TRAPELO ROAD

PLEASANT STREET

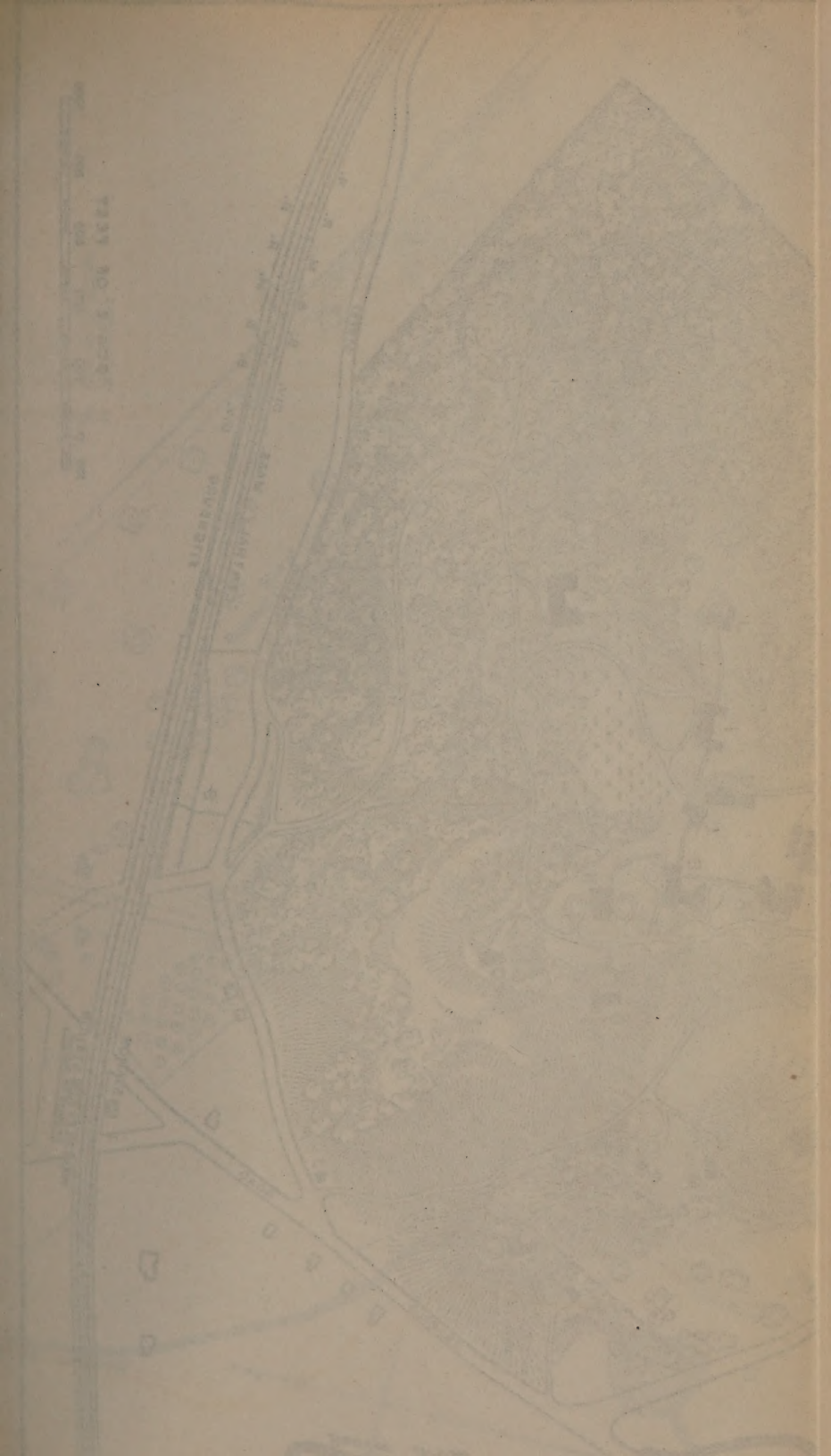
CENTRAL MASS. DIV. B. & M. R. R.

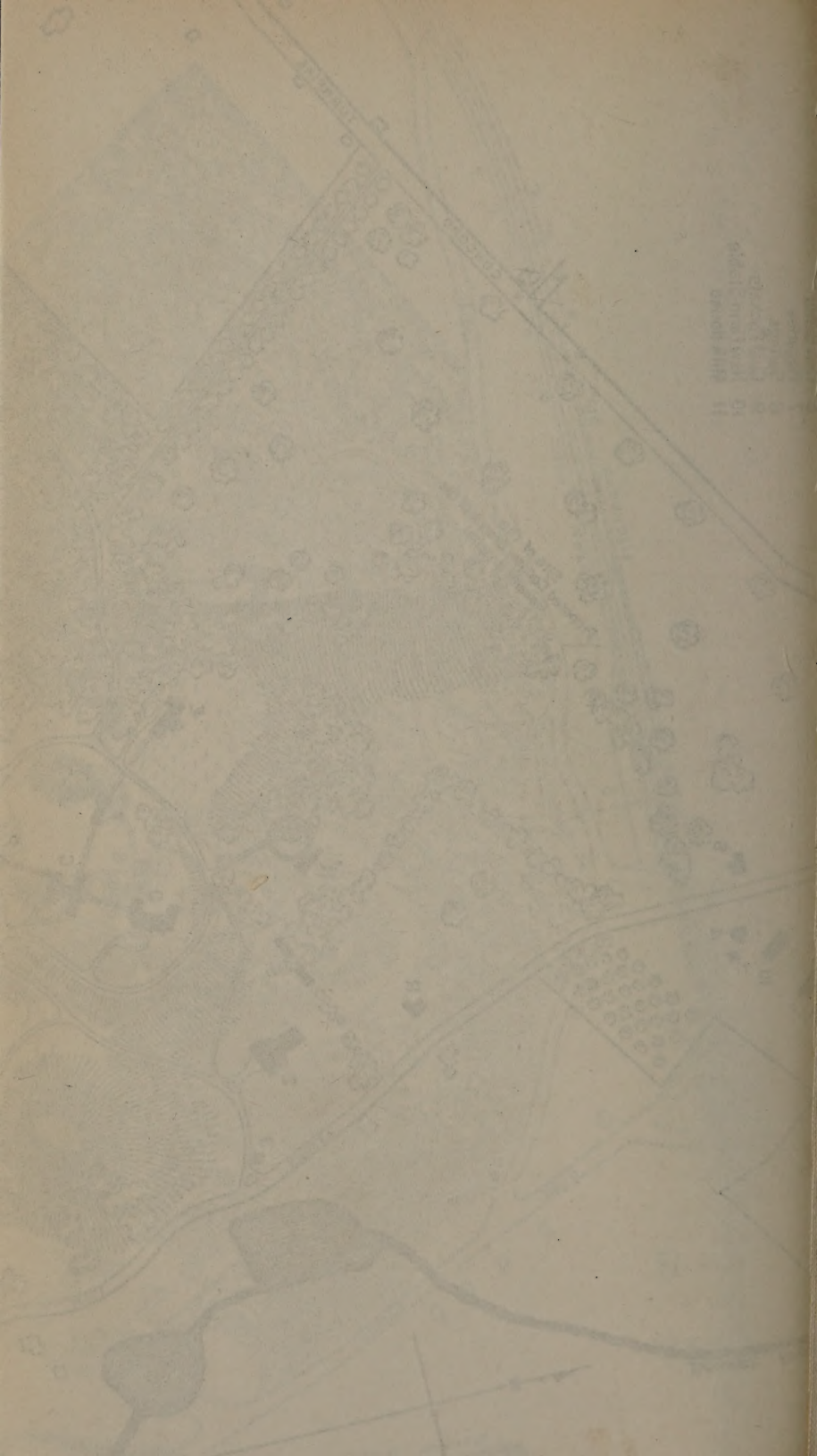
FITCHBURG DIV. B. & M. R. R.

STATION

WAVERLEY STATION
7 MILES Fr. BOSTON

SCALE OF FEET
100 0 200 400 600 800 1000





make a formal application, blank forms especially provided for this purpose will be sent to them.

Candidates must be in sound health, and must send with their application a certificate from a physician certifying that fact. They should preferably have had at least one year of high school education or its equivalent, and should not be less than twenty nor more than thirty-five years of age, but exception may be made if education, general health, and personal qualifications warrant it.

On furnishing satisfactory evidence of their probable fitness they will be received for two months on probation. If accepted at the expiration of this time they will sign an agreement to complete the prescribed course. At the end of the first six months the record of each pupil is again carefully scrutinized and the right is reserved to terminate then, or at any other time, the connection of any pupil or nurse with the school and hospital for inefficiency, misconduct, generally unsatisfactory record, or for any other reason which may be deemed sufficient.

The pupils reside in the hospital and are employed as assistant nurses in its wards. Men probationers while on duty will wear ordinary plain clothing. The women wear the uniform prescribed for probationers. After formally joining the school, at the end of the period of probation, both men and women are required to wear the hospital uniform while on duty in the wards.

As compensation for their services, both men and women receive board, lodging, and laundry, instruction in nursing, and a certain amount of money, which for the women is only sufficient to purchase books and uniforms and to defray other absolutely necessary incidental expenses. The men, who for the present do not receive the preliminary instruction given to the women, and whose course of study is shorter, are paid thirty dollars ($30) per month during the first year and

thirty-five dollars ($35) per month for the second year. The women receive fifteen dollars ($15) per month throughout the course. Most graduates engage in private nursing or accept positions of trust in other institutions. Some are invited to remain in the service of this hospital, and to such, especially to those who serve as head nurses, there is a material increase in compensation. All graduates of this school receive forty-five dollars ($45) per month, and those who are also graduates of a general hospital are paid fifty dollars ($50) per month.

All pupils and nurses are allowed one afternoon, and two or three evenings off duty each week, also four hours on Sundays and holidays. They are also given a two weeks' vacation in each year; and no deduction of time is made for sickness unless it exceeds two weeks in any given year.

On completion of the full term of study nurses who have passed all the required examinations receive diplomas certifying to their period of training, their proficiency, and their good character.

Women graduates of this school who wish to have additional practical experience and instruction in general nursing have the privilege, under certain restrictions, of reëntering the Training School for Nurses at the Massachusetts General Hospital in Boston. Such graduates will, after ten months' satisfactory study, receive the diploma from that school, in addition to the diploma received from the McLean Hospital Training School.

COURSE OF INSTRUCTION

Instruction is given for eight months of the year, from October 1 to June 1, classes beginning October 1 and February 1. It is no disadvantage to enter the school between May and October, since the pupil will get some practical knowledge of the care of patients before taking up the required study.

The course for men differs from that for women. The latter receive less money and are allowed more time for study.

A preliminary course of two months is given to the women, and during this time the pupil is given no more work on the wards than is necessary to put in practice the instruction received. This occupies about three hours daily. Most of the time is devoted to lectures, recitations, demonstrations, and laboratory work. Instruction to both men and women, chiefly by the officers of the hospital, includes courses in anatomy, physiology, hygiene, bacteriology, drugs and materia medica, urinalysis, hydrotherapy, massage, housekeeping, dietetics and cookery, general medical and surgical nursing, obstetrical nursing (to women), and especially nursing of cases of nervous and mental diseases. Affiliations have been made with the Massachusetts General Hospital Training School for Nurses, in Boston, and with the New York Nursery and Child's Hospital, in New York City. At some time during the second year of study the women pupils will be sent to the Massachusetts General Hospital for a period of six months for instruction and experience in general medical and surgical nursing, and after this to New York for an additional six months for obstetrics and the nursing of children. There are written examinations in the middle and at the end of each school year, and pupils must attain on critical marking at least 60 per cent.

Anatomy. Recitations from a text-book on anatomy and physiology are required, and a course of lectures is given on applied anatomy, in which the general plan is to describe the anatomy of the various physiological systems, to refer briefly to their origin and use, to explain the different injuries and diseases to which they are liable, and to describe the treatment and nursing care of these morbid conditions. There is an articulated and a disarticulated skeleton which the pupils

can use for study. It is intended that each one shall see a post-mortem examination.

Physiology. In addition to recitations from a text-book, lectures are given on the blood, heart, circulation, vaso-motor system, digestion (mechanical and chemical), absorption, secretion, respiration, animal heat, movement, nervous system, and special senses.

Hygiene. Recitations from a text-book are required, and a course of lectures is given which includes a consideration of water, food, air, ventilation, heating, lighting, sewerage, disinfectants and disinfection, and personal hygiene.

Bacteriology. A text-book is used for recitations, and a course of lectures is given on benign and pathogenic bacteria, methods of cultivation and examination, the relation of pathogenic germs to various medical and surgical diseases, with a consideration of some of the more common of these diseases.

Drugs and Materia Medica. Instruction is given in the dispensary by lectures, demonstrations, and practical work. The pupils are taught to use the prescription balance and the various measures, and are given practice in weighing and folding powders, the different methods of measuring drops, etc. They are taught to make weight-to-volume solutions of various strengths, also percentage solutions such as are used in the operating room or for purposes of disinfection.

Instruction is also given in elementary chemistry and botany, on the drugs in ordinary use, poisons and their antidotes. The course is made a laboratory exercise so far as is possible.

Urinalysis. There are brief lectures on normal and abnormal urines and the diseases in which they occur. These are followed by demonstrations of methods of analysis, and the nurse is taught by actual practice to make different tests. It is principally a laboratory exercise.

Physical Therapeutics. Lectures and demonstra-

tions are given on the various hydrotherapeutic procedures and their effects. The pupils are also given instruction in general massage, the use of apparatus in the gymnasium, and games. They are also taught the use of the Zander apparatus and of electricity. During the two years' course of instruction the nurse has frequent opportunity for the practical application of the knowledge gained in the treatment of patients.

Housekeeping. Instruction is given by the assistant superintendent of nurses, the supervisor, and the head nurses, and consists chiefly in actual demonstrations and practice on the wards of general household duties and of such special duties as are required for the proper care of the patients.

Dietetics and Cookery. Twenty-four exercises of three hours each are given the women each morning for one month, during which a lecture of one hour is followed by two hours of practical work. The men receive twelve exercises of two hours each. The instruction includes a consideration of the purchase of food, utensils, kitchen and dining-room furnishings, dietetics and general cookery, with special reference to the preparation and serving of food for the sick and the convalescent.

During the course meals are prepared and served by the pupils, to illustrate the laying of trays and tables and the duties of the hostess and waitress.

After sufficient practice in the care of the kitchen and dining-room the pupils are taken to the wards to apply their knowledge, and throughout the remainder of their service in the hospital they assist in serving food to the patients, under the supervision of the instructor.

Nursing. The theory of general nursing is taught by text-books, lectures, and demonstrations, and a practical application of the instruction is made so far as the facilities of the hospital will allow. Much of the ordinary routine work of a nurse is the same for

patients treated here as for those in a general hospital, while in the matter of bathing, changing bed and personal clothing, serving food, giving enemata, etc., it is often much more difficult. Practice in general medical and surgical nursing is obtained at the Massachusetts General Hospital for six months during the second year of the course.

The lectures on nursing given during the third year include a description of various diseases, a consideration of methods of prevention, the various remedial measures employed in the treatment of these diseases, and their nursing care.

A special course in obstetrical nursing and in diseases of children is given at the New York Nursery and Child's Hospital in New York City, to which women pupils of the school are sent for six months in the second or third year. The nursing of cases of nervous and mental diseases is taught by recitations, lectures, demonstrations in the wards by the superintendent of nurses, supervisors, and head nurses, and actual practice in the care of the patients of the hospital. Besides this, written reports of individual cases are required and nurses are taught to observe and make daily notes of cases under their care.

Previous to the consideration of insanity, a brief description of the normal mind is given in eight lectures. In order to make it as practical as possible, patients are assigned to each nurse to observe and to report upon verbally as to the condition of the various mental states or faculties while they are under discussion. Lectures are given on the causation, symptoms, treatment, and nursing care of the different forms of mental disease, with special attention to the duties of the nurse.

To better fit the nurses for special work and for the care of convalescents, courses are given in handicrafts.

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Legal Affairs

MESSRS. LOWELL and HOMANS.

Training School for Nurses

MRS. THAYER and MESSRS. KIDDER and GANNETT.

Book of Donations

MR. WIGGLESWORTH.

Ether Day

MESSRS. WIGGLESWORTH, KIDDER, and ENDICOTT.

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MESSRS. FOSTER, LOWELL, and FESSENDEN.

McLean Hospital

MESSRS. KIDDER, TUTTLE, and HOMANS.

Convalescent Hospital

MESSRS. O'NEIL, TUTTLE, and MACOMBER.

Out-Patient Department

MESSRS. GANNETT and O'NEIL, and MRS. THAYER.

Phillips House

MESSRS. LOWELL, KIDDER, and FOSTER.

VISITING COMMITTEES

1920

March and September.

MESSRS. KIDDER and FESSENDEN

April and October.

Mr. O'Neil and Mrs. Thayer.

May and November.

Messrs. Wigglesworth and Gannett.

June and December.

Messrs. Foster and Tuttle.

July.

Messrs. Endicott and Homans.

August.

Messrs. Lowell and Macomber.

1921

January.

Messrs. Endicott and Homans.

February.

Messrs. Lowell and Macomber.

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Mrs. Harcourt Amory, 293 Beacon Street.
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Mrs. Jeffrey R. Brackett, 220 Marlboro Street.
Mrs. Charles A. Coolidge, 82 Marlboro Street.
Mrs. Harold J. Coolidge, 303 Berkeley Street.
Mrs. Lincoln Davis, 217 Beacon Street.
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Mrs. Arthur D. Hill, 17 Brimmer Street.
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Mrs. William T. Councilman, 78 Bay State Road.
Mrs. George P. Denny, 285 Marlboro Street.
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Frederic A. Washburn, M.D.

Assistant Resident Physicians.

Nathaniel W. Faxon, M.D. Eugene Walker, M.D.

Executive Assistants.

Alvira Stevens, R.N. Sophie B. Eastmann, R.N.

Administrator.

Parker H. Kemble.

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Chief of West Medical Service.

Richard C. Cabot, M.D.

Chief of Children's Medical Service.

Fritz B. Talbot, M.D.

Chief of Syphilis Department.

C. Morton Smith, M.D.

Chief of Sub-Department of Tropical Medicine.

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REGINALD FITZ, M.D.

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GEORGE C. SHATTUCK, M.D.

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THEODORE J. EASTMAN, M.D. HARRY LINENTHAL, M.D.
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R. CHALLIS BARTLETT, M.D.
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ROGER P. DAWSON, M.D.
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WILLIAM D. SMITH, M.D.

Medical Assistant in Industrial Diseases.

WADE S. WRIGHT, M.D.

Medical Assistant in Problems of Convalescence.

JOHN BRYANT, M.D.

Assistants.

ARLIE V. BOCK, M.D.
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ARTHUR P. CHADBOURNE, M.D.
AUSTIN W. CHEEVER, M.D.
ROBERT N. NYE, M.D.
EDWARD S. O'KEEFE, M.D.
ALBERT E. PARKHURST, M.D.
FRANCIS M. RACKEMANN, M.D.
A. WATSON SELLARDS, M.D.
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SURGICAL DEPARTMENT

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Chief of West Surgical Service.

CHARLES A. PORTER, M.D.

Chief of Orthopedic Service.

ROBERT B. OSGOOD, M.D.

Chief of Genito-Urinary Service.

Chief of Department of Anæsthesia.

FREEMAN ALLEN, M.D.

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DANIEL F. JONES, M.D.
HUGH WILLIAMS, M.D.
LINCOLN DAVIS, M.D.

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BETH VINCENT, M.D. — W. JASON MIXTER, M.D.
WYMAN WHITTEMORE, M.D.

Assistant Visiting Orthopedic Surgeons.

Z. B. ADAMS, M.D. — MARK H. ROGERS, M.D.
C. HERMAN BUCHOLZ, M.D.

Chiefs of Service.

(Surgical Out-Patient Department.)

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Surgeons to Out-Patients.

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ARTHUR W. ALLEN, M.D. — EDWARD L. YOUNG, JR., M.D.

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LLOYD T. BROWN, M.D. — MARIUS N. SMITH-PETERSEN, M.D.
MURRAY S. DANFORTH, M.D. — LORING T. SWAIM, M.D.
PHILLIP D. WILSON, M.D.

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RICHARD F. O'NEIL, M.D.

Assistant Surgeons to Out-Patients.

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TORR W. HARMER, M.D. — ANDRÉ W. REGGIO, M.D.
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E. GRANVILLE CRABTREE, M.D. — HARVARD H. CRABTREE, M.D.

Assistants.

LEWIS P. FELCH, M.D. — WALTER J. LAMARCHE, M.D.
OSCAR R. T. L'ESPERANCE, M.D. — HENRY R. VIETS, M.D.

House Surgeons.

JOHN S. HODGSON, M.D. G. LAWRENCE CHAFFIN, M.D.

House Surgeon to Genito-Urinary Department.

JOHN ROCK, M.D.

DERMATOLOGICAL DEPARTMENT

Dermatologists.

CHARLES J. WHITE, M.D. HARVEY P. TOWLE, M.D.

Associate Dermatologist.

FREDERICK S. BURNS, M.D.

Assistant Dermatologists.

E. LAWRENCE OLIVER, M.D. J. HARPER BLAISDELL, M.D.
JOHN H. BUFFORD, M.D. LORETTA JOY CUMMINS, M.D.
C. GUY LANE, M.D.

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Chief of Service.

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Assistant Neurologists.

GEORGE CLYMER, M.D. CHARLES A. MCDONALD, M.D
SIDNEY A. LORD, M.D. STANLEY COBB, M.D.
HAROLD B. EATON, M.D.

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Psychologist.

L. Eugene Emerson, Ph.D.

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Laryngologist.

D. Crosby Greene, Jr., M.D.

Associate Laryngologists.

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Assistant Laryngologists.

Frederick E. Garland, M.D. D. Campbell Smyth, M.D.
Calvin B. Faunce, M.D.

Assistants.

John H. Blodgett, M.D. Isabelle D. Kerr, M.D.
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Otologist.

D. Harold Walker, M.D.

Assistant Otologist.

Oliver A. Lothrop, M.D.

Ophthalmologist.

Alexander Quackenboss, M.D.

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Assistant Obstetrician.

FREDERICK C. IRVING, M.D.

Consultant in Contagious Diseases.

EDWIN H. PLACE, M.D.

PATHOLOGICAL DEPARTMENT

Pathologist.

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Surgical Pathologist.

HARRY F. HARTWELL, M.D.

Assistant Pathologist.

OSCAR RICHARDSON, M.D.

Chemist.

OTTO FOLIN, Ph.D.

Assistant Chemist.

WILLEY DENIS, Ph.D.

Assistant in Clinical Bacteriology.

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Roentgenologist.

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JOSEPH GARLAND.
JOHN B. YOUMANS.
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Orthopedic.

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JOS. K. SURLS.
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Children's Medical.

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Superintendent of Nurses.

SARA E. PARSONS, R.N.

Chief of Social Service.

IDA M. CANNON.

PHILLIPS HOUSE.

(Private Ward.)

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Pauline L. Dolliver, R.N.
Louise S. Zutter, R.N. Grace E. Bulmer, R.N.
Jessie G. Bentley, R.N.

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Mrs. Arthur N. Broughton, *Secy.*
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Miss Edith M. Baker.

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THEODORE A. HOCH, M.D.

Second Assistant Physician.
RAY L. WHITNEY, M.D.

Clinical Assistant and Pathologist.

Assistant Physicians.
GEORGE A. MACIVER, M.D.
CLARENCE M. KELLEY, M.D.

Assistant in Pathological Psychology.
F. LYMAN WELLS, Ph.D.

Junior Assistant Physician.

Student Assistants.
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CLARENCE H. SANFORD.
RAYMOND D. STILLMAN.

Dentist.
GEORGE O. BARTLETT, D.M.D.

Chaplain.
REV. GEORGE J. PRESCOTT.

Superintendent of Nurses, and Matron.
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Assistant Superintendent of Nurses.
ALICE M. COCHRANE, R.N.

Clerk.
MARGARET E. CLARK.

Librarian.
MILDRED W. PAGE.

Instructors in Physical Training.
CLARENCE H. SANFORD.
S. MAY TAYLOR.

Instructors in Handicraft.
MARGARET E. HILL.
DANIEL A. JOY.

Dietitian and Instructor in Cookery.
CAROLINE C. GOODWIN.

Supervisor of Women's Department.
GEORGIA H. REED.

Supervisor of Men's Department.
HENRY E. MAGGON.

Steward.
FREDERICK A. FOSS.

Purveyor.
JOHN P. BRADBURY.

Apothecary.
ELIAS L. CLOUTHIER.

Storekeeper.
WILLIAM C. TROWBRIDGE.

DR. JAMES H. MEANS
MASSACHUSETTS GENERAL HOSPITAL
BOSTON

One Hundred and Sixth Annual Report

OF THE

TRUSTEES

OF THE

Massachusetts General Hospital

Medical and Surgical Affairs of the General Hospital

Report of General Executive Committee

1919

SECTION B

CAMBRIDGE
THE UNIVERSITY PRESS

NOTICE.

The annual report of the Massachusetts General Hospital is now published in two sections. Section A contains the report of the Trustees, the Treasurer, the Administrator and appended reports, and complete reports of the McLean and Convalescent Hospitals.

One Hundred and Sixth Annual Report

OF THE

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OF THE

Massachusetts General Hospital

Medical and Surgical Affairs of the General Hospital

Report of General Executive Committee

1919

SECTION B

CAMBRIDGE
THE UNIVERSITY PRESS

The legal title of the Corporation is

"The Massachusetts General Hospital."

All gifts and bequests, if without restriction, will be used as the Trustees deem most for the interest of the Corporation and its Beneficiaries.

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ONE HUNDRED AND SIXTH ANNUAL REPORT FOR THE YEAR 1919

In behalf of the Trustees the following report upon the Massachusetts General Hospital is submitted:

Even the most needed of charities must economize in these times of the reduced buying power of the dollar. We are making every effort to fit our expenditures to our income, without allowing the patients to suffer. This necessitates a most delicate adjustment; for who can define the meeting point of pure science and applied science?

In the study of many of the less understood diseases, the student in the laboratory carries his research beyond the necessities of alleviating the suffering of today's patient. He is seeking the cause of trouble, that it may easier be detected in tomorrow's patient, and eradicated before suffering or death result. The student of medicine is always thus working and learning, applying what he already knows, and seeking for the lesson offered by every new case; and in this sense a physician never ceases to be a student. We must not for a moment allow ourselves to suppose that we can afford (and we use the word advisedly) to curtail the work of the student or investigator. A hospital brings together examples of many diseases and afflictions which might never present themselves in the doctor's general practice; and here in the hospital every means should be available for diagnosis and prognosis.

Such investigation is carried on in many places in the world. The Massachusetts General Hospital has, for upward of a century, had great reputation for its

work at home and for the doctors it has sent forth. But opportunities must be continuously offered, every facility supplied, or the newer institutions, generously endowed, will outstrip us in the race to help mankind. For where opportunity offers, there must investigation be carried on.

THE McLEAN HOSPITAL

The care of the patients at the McLean Hospital has been maintained on the usual high standards, and that under most trying conditions. The great difficulty in getting nurses, either men or women, continued practically through the year; but is now slightly alleviated by an agreement which has been made with the Army School of Nursing, Medical Department, U. S. Army. The Department had contracted to furnish a three-year course of training for nurses. By the agreement a portion of this training will be furnished by the McLean Hospital, nurses coming in relays of ten for three months in our school. This will be continued until the contract on the part of the Department has been fulfilled. Though this will not be long, it is temporarily a great assistance to the Hospital.

The same rigid economy is being practiced in the McLean Hospital as at the General Hospital, and the curtailment of work hampers the usefulness of the Institution, though not as regards the patients under treatment. It is felt in the work of research.

At this Hospital we have patients under conditions nearly approaching home conditions; and opportunity for close study and observation over considerable periods, which, however, we must largely forego for want of means. Here, as well as at the General Hospital, study of conditions and publication of results are most important for the success and reputation of the work.

BASE HOSPITAL NO. 6

With pride we refer to the Hospital's part in the great war, though we feel that this reference must be brief. All available data are being recorded, and we hope that some day a full account may be printed.

In the Trustees' report for 1916 we read that—

> the nucleus of a base hospital has been established, organized under the Red Cross, and that it can only be called in case of war in which the United States is a party. That it cost the Hospital nothing, and that it would give the army an efficient five-hundred-bed base hospital when needed.

It was soon needed.

On July 9, 1917, as United States Army Base Hospital No. 6, the unit, consisting of two hundred and forty-seven persons, departed for service in the great war, under command of Major Frederic A. Washburn, Medical Reserve Corps, U. S. Army, our Resident Physician and Administrator. It was stationed at Talence, a suburb of Bordeaux. The unit was expanded to care for forty-three hundred patients at one time; and its record for the entire period of service was over twenty-six thousand patients.

Major Washburn, in April, 1918, went to England and later became Chief Surgeon of Base Section No. 3, A. E. F., with rank of Colonel. There were numerous other promotions among members of the unit, which came under other command.

Unfortunately we must record four deaths among the personnel of the unit:

Nurses: Mary Frances Emery, Lucy Nettie Fletcher.
Sergeant: Axel Johnson.
Private: Allan Berry.

After the return of the unit, a reception was given by the Hospital to all the doctors, nurses, and employees from this Hospital, many of whom had held positions

in other units. We can only note the fact that many of our alumni held important posts throughout the Medical Department of the Army and Navy.

Three letters may well be referred to here: The first from M. W. Ireland, Surgeon General, U. S. Army; the second from C. H. Connor, Col. Medical Corps, U. S. Army, Asst. Director General, Military Relief; and the third from W. C. Braisted, Surgeon General, U. S. Navy; the first two conveying thanks and appreciation for the assistance of Base Hospital No. 6 to the Army and to the American Red Cross overseas, and the third for the services rendered by the hospital during and after the war.

A considerable sum was raised by the Ladies' Visiting Committee from friends of the Base Hospital, for its use. After setting aside a portion of the unexpended balance of this fund for making out the records of the unit, the sum of five thousand dollars has been handed to the Treasurer of the Hospital, and is to be known as "The Memorial Fund to the Doctors and Nurses who died in the War of 1917 and 1918; the income to be used for the maintenance of free beds, but always preferably for needy graduate nurses of the Massachusetts General Hospital."

At the Trustees' Meeting of June 13 it was—

Voted: To accept with the thanks of the Trustees the offer of the Ladies' Visiting Committee of a tablet in memory of Miss Helen Homans, who died in France, November 5, 1918, after serving as a nurse in hospitals in France at different times from 1915 until her death.

That the tablet in memory of Miss Helen Homans be placed in the Treadwell Library under the portrait of Dr. Homans.

The tablet was dedicated, with appropriate exercises, on December 11.

PHILLIPS HOUSE

Phillips House, opened in 1917, is filling a long-felt want, and justifying the belief of the Trustees that

such a ward will prove a success, and be much used and appreciated by both patients and doctors.

CHILDREN'S DEPARTMENT

On July 11 it was voted that the Children's Medical Department be increased from seven to twenty beds, and that it have the use of the Zander Room at the General Hospital. Thus, temporarily, the need for more beds for this department is about to be met, but not permanently, as more space will ultimately be needed, and a special building, with more sun and air, is almost imperative.

ETHER DAY

The custom of Ether Day exercises was resumed this year. The address by Dr. Richard C. Cabot, entitled "The Achievements, Standards and Prospects of the Massachusetts General Hospital," was given on the seventy-third anniversary.

SOCIAL SERVICE

Social service work was established in the Out-Patient Department in 1905 by Dr. Richard C. Cabot. This has increased in importance ever since, and the Trustees recently —

Voted: That the Social Service Department be, from this time forward, considered as an integral part of the Hospital, both administratively and financially; and that the present Supervisory Committee be continued, and that due regard be given to its recommendations.

THE WARREN TRIENNIAL PRIZE

The Warren Triennial Prize was not awarded this year, as owing to the unsettled condition of the world so few essays were offered. These are usually offered from foreign countries as well as the United States, and in considerable numbers.

THE DALTON SCHOLARSHIPS

The Dalton Scholarships were awarded to Dr. Stanley Cobb for the year beginning June 1, and to Dr. George R. Minot for the year beginning September 15.

THE CONSULTATION CLINIC

The Consultation Clinic, first opened in 1915, closed during the war, has been reopened.

BOARD OF TRUSTEES

The number of changes in the Board of Trustees has been unusually large; and these may best be recorded by giving the votes of the Board in chronological order.

February 21 it was —

Voted: To accept with regret the resignation of Francis Henry Appleton as Trustee; and the Secretary is requested to convey to General Appleton the sincere regrets of the Board at his resignation, and their very sincere appreciation of his great interest and valued services to the Institution since his first election as Trustee in 1902.

On this same date Dr. Walcott resigned as a Trustee of the Hospital, and Mr. George Wigglesworth was unanimously elected permanent Chairman.

March 7 it was —

Voted: That the Trustees of the Massachusetts General Hospital hereby express their regret at the resignation of Dr. Henry P. Walcott as a Trustee, and desire to spread upon the records of the Board their appreciation of the devotion and conscientiousness of Dr. Walcott in his long and continuous service of twenty-seven years as Trustee of the Massachusetts General Hospital, during seventeen years of which he has so ably presided over the meetings of the Board.

They furthermore take pleasure in the realization that as President of the Corporation the Hospital will continue to enjoy the benefit of his continued interest in its affairs.

At the request of the Board, Dr. Walcott consented to having his portrait painted by Mr. Charles S.

Hopkinson; and this portrait hangs in the Moseley Administration Building.

Also on March 7, Mr. William Endicott was unanimously elected as a Trustee of the Institution. Mr. Endicott was first appointed a Trustee by the Governor of the Commonwealth in 1917. After serving for a short time he resigned to take up war work in England.

April 4, Dr. George T. Tuttle, until very recently Medical Superintendent of the McLean Hospital, was unanimously elected as a Trustee of the Massachusetts General Hospital.

August 21, Mr. Moses Williams died; and on September 5 the following resolutions were adopted:

The Trustees of the Massachusetts General Hospital desire to place upon record their appreciation of the long and faithful service of their late associate, Moses Williams. Elected a Trustee in 1898, he has ever been devoted to the interests of the Hospital, and has given his best thought to the development of its usefulness and to the maintenance of its great and deserved reputation. His long and successful career as a wise counsellor at law, his experience in the care of numerous trusts, and especially of those relating to real estate, his services as a director and officer of many corporations — railroads, telephones and banks — made him an invaluable member of the Financial Committee, of which he has been for some time the Chairman.

His uniform courtesy, his frankness in expressing an opinion, generally formed after long deliberation, and a naturally genial disposition, made him a delightful associate, and one whom we shall sadly miss.

November 14, Mr. John R. Macomber was unanimously elected as a Trustee of the Institution.

December 12, the Secretary announced that Mr. Sewell H. Fessenden had been appointed a Trustee of the Corporation by His Excellency the Governor of the Commonwealth.

Mr. Philip Leverett Saltonstall died on November 15, and on December 12 the following resolutions were adopted by the Board:

The loss which the Hospital has sustained in the death of Philip Leverett Saltonstall those only can realize who were

intimately associated with him. As Trustees of the Hospital we wish to record our feeling of respect and affection for him. He was intensely interested in all the affairs of the Hospital. He was wise, energetic, full of sympathy; and even when expressing his deepest convictions was so considerate of the opinions and feelings of others that it was a delight to work with him. We shall miss him more than we can tell. The memory of his unfailing courage and cheerfulness, even to the end, will always be an inspiration to us.

At the same meeting it was —

Voted: To accept with great regret the resignation of Mr. Charles P. Greenough as a Trustee of the Hospital, and the Secretary is hereby requested to convey to Mr. Greenough the sincere recognition of the Trustees of the great loss that the Hospital will suffer from his absence from the deliberations of the Board, and their appreciation of his most valued services during his seventeen years of membership with the Board of Trustees.

STAFF AND ADMINISTRATION CHANGES

The following changes should be noted:
At the meeting held February 21 it was —

Voted: That the Administrator, who shall not be the Resident Physician, shall be appointed by the Board of Trustees, and will not be responsible to the Resident Physician, but to the Board of Trustees, through its Committee on the General Hospital.

In accordance with the above vote, on March 7 it was —

Voted: That upon recommendation of the Committee on the General Hospital, Parker H. Kemble be and hereby is appointed Administrator of the General Hospital. . . .

At the meeting of March 21 it was —

Voted: To accept with very sincere regret the resignation of Dr. Joseph B. Howland as Acting Resident Physician and Acting Administrator, to take effect on May 1st, 1919. . . .

That the Secretary be requested to convey to Dr. Howland the very sincere regret of the Trustees at the severance of his connection with the Hospital, and their gratitude for his unflagging diligence and great ability in the execution of the duties of the offices held by him during his long service with the Hospital, and particularly during the last two years, when as Acting Administrator and Acting Resident Physician he has so ably assisted

the Trustees in maintaining the efficiency and the high standard of the Institution during that critical period. . . .

And this seems a fitting point in this report for the Trustees to put on record their gratitude to those of the Hospital force, doctors, nurses and employees alike, who for one reason or other could not go overseas, and who, uncomplaining, assumed longer hours and heavier duties. We appreciate that it was due to these, and to the numerous visiting doctors and surgeons who, having retired from active service in the Hospital, again gave their services during the war, that we were able to keep up the standards of the institution.

Dr. Frederic A. Washburn returned to the hospital and took up his duties as Resident Physician on April 1, after absence with leave from May 17, 1917, granted for war work.

On April 4 it was —

Voted: To appoint Dr. Frederic H. Packard Medical Superintendent of the McLean Hospital, from the retirement of Dr. Tuttle.

Dr. Packard has been a member of the McLean staff since 1902.

Also on April 4 Dr. George T. Tuttle was elected a Trustee, and it is a great satisfaction that his resignation as Medical Superintendent of the McLean Hospital, which was chronicled in the last report, does not mean that his services are to be lost to the Massachusetts General Hospital.

Miss Sara E. Parsons, Superintendent of Nurses, returned to duty in the Hospital October 1, after absence with leave since June 28, 1917, for war work.

For other changes in the staff we would refer to other reports in this volume, or to Bulletin 26, dated December 1, 1919, the issue of the Bulletin having been resumed.

NEEDS AND HOPES

A schedule of the pressing needs of the Massachusetts General Hospital, in all its departments, has been prepared by a special committee of the Trustees, and we hope that this will be carefully considered by all interested. A summary of these follows:

The erection and changes of certain buildings within the hospital grounds to provide for the care of more free and other patients; and the housing of the additional nurses required to look after such patients.

The improvement and enlargement of the laboratories.

The fireproofing of the Bulfinch Building.

Other changes in certain buildings of the hospital to render its work more efficient.

A hospital for patients of moderate means.

A nurses' home at the McLean Hospital.

C. H. W. Foster,
Nathaniel T. Kidder,
Committee.

ANNUAL REPORT OF THE RESIDENT PHYSICIAN OF THE GENERAL HOSPITAL

To the Trustees of the Massachusetts General Hospital:

Gentlemen, — The year has seen the return of most of the staff and officers of the hospital who have been absent upon duties connected with the World War. Dr. Joseph B. Howland has gone to assume his duties as Superintendent of the Peter Bent Brigham Hospital. He conducted the affairs of the Massachusetts General Hospital through a critical period — financial stringency; high prices; shortage of professional staff, doctors and nurses, and pestilence. All of these he bore, and carried the hospital through. A man of unusual ability and thorough knowledge of hospital problems, — we are loath to lose him. Dr. Harold W. Hersey has left us to assume the position of Superintendent of the New Haven Hospital. Dr. Charles E. Wells becomes Superintendent of the Newport Hospital. They have both served the hospital well, and should succeed in their new positions. Dr. Edwin N. Cleaves, another Assistant Resident Physician, was obliged to leave because of sickness. Executive Assistants Edna H. Harrison, R.N., and Frances P. West, R.N., have accepted responsible positions in Chicago and Schenectady, respectively.

This made a complete change in the personnel of the Resident Physician's office. Dr. Nathaniel W. Faxon has been appointed First Assistant, Dr. Eugene Walker, Second Assistant, and Misses Eastman and Stevens, Executive Assistants.

Miss Helen Wood, who has acted as Superintendent of Nurses during Miss Parsons' absence, has left us to take a similar position at Barnes Hospital, St. Louis. She has been a sheet anchor of the hospital during the storm. Her high character, ability and training assure her success in this new field of activity. Miss McCrae, practical instructor in the Training School, has shown herself the same dependable, loyal officer that she has always been. Miss Parsons, upon her return from France, was given six months' leave of absence, which she spent in rest and travel. She has familiarized herself with the present status of nursing and hospital problems. We shall expect to benefit from what she has learned. As Chief Nurse of Base Hospital No. 6 during the war, she stuck to her task and kept her able band of devoted nurses fired with her own high spirit and ideals.

The hospital still suffers from the lack of its closed departments. Physical therapy in its various forms is badly needed. We must renew our follow-up work as soon as possible. It is much to be hoped that money will be available during 1920 to enable us to reach our pre-war level of efficiency.

In Dr. Howland's last year's report reference was made to the death in the service of Major Howard W. Beal, Lieutenant William H. Buffum and Major Harrison Briggs Webster. I must note in addition the death of Capt. William W. Walcott and Lieutenant-Colonel Ernest V. Keller. We are proud of these fine young men, our alumni, who have given their lives for their country. Our nurses who died in the service are

Miss Frances E. Bartlett
Miss Mary F. Emery
Miss Lucy N. Fletcher
Mrs. H. A. Jaggard, née Jessie W. Brown
Miss Constance Sinclair
Miss Nellie Ward
Miss Anna B. West

Dr. Richard C. Cabot was the Ether Day orator.

During the year the Trustees have taken over as a full hospital activity the Out-Patient Social Service Department. This department, under the inspiring and far-sighted leadership of Dr. R. C. Cabot and Miss Ida M. Cannon, has brought much credit to the hospital.

The following comparative tables are of interest:

	No. Patients Admitted to Wards.	Total Patients' Days Treatment.	Average Stay in Hospital.	No. Operations House Cases.
1908	5,362	106,034	20 — days	3,634
1909	5,871	105,295	18 — "	3,841
1910	6,092	105,617	17 + "	4,016
1911	6,495	107,671	17 — "	3,948
1912	6,629	107,797	16 — "	4,063
1913	6,251	111,364	18 + "	3,887
1914	6,413	116,164	18 + "	3,993
1915	6,503	113,941	18 — "	4,046
1916	6,507	111,875	17 + "	4,094
1917	6,699	112,636	17 — "	4,191
1918	6,702	116,321	17 + "	4,117
1919	6,074	114,200	19 — "	3,750

	Number Ambulance Trips.	Number of Miles.	Average Trips per Day.
1908	1,747	....	5 —
1909	1,539	5,442	4 +
1910	1,639	5,615	4 +
1911	1,513	4,452	4 +
1912	1,477	4,870	4 +
1913	1,576	4,796	4 +
1914	1,378	4,888	3 +
1915	1,502	4,182	4 +
1916	1,413	5,032	4 —
1917	1,358	6,100	4 —
1918	1,236	5,771	3 +
1919	1,124	5,905½	3 +

Number of Patients Treated in Emergency Ward.

1908	5,313	1912	5,501	1916	5,123
1909	5,314	1913	5,424	1917	6,045
1910	5,590	1914	5,278	1918	6,131
1911	6,029	1915	4,815	1919	5,459

	Number of X-Ray Cases Out-Patient Department.	Number of X-Ray Cases in House.
1908	2,902	1,353
1909	3,323	1,441
1910	3,414	1,363
1911	4,138	1,643
1912	4,587	1,987
1913	6,286	4,015
1914	7,951	5,985
1915	7,618	4,597
1916	10,616	4,986
1917	10,161	4,125
1919	8,424	2,705
1918	9,408	4,038

OUT-PATIENT DEPARTMENT

	New Cases.	Total Number of Visits.	Total Number Prescriptions Filled.
1904	25,082	106,174	53,321
1905	21,874	110,631	49,793
1906	20,010	99,251	43,063
1907	20,358	107,063	43,764
1908	20,729	116,008	46,390
1909	21,518	121,327	48,250
1910	22,302	124,584	48,676
1911	22,232	135,809	49,858
1912	22,639	136,095	48,270
1913	24,887	147,428	51,798
1914	24,957	158,090	62,112
1915	29,213	190,628	73,914
1916	31,061	201,375	79,736
1917	31,104	205,524	78,820
1918	25,441	168,183	65,511
1919	27,948	179,973	70,979

During the year 1919 there were 3,770 operations under an anesthetic in the Out-Patient Department of which 2,838 were performed under general and 932 under local anesthesia.

	Average No. of Graduates.	Average No. of Pupils.	Average No. of Probs.	Average Total.	Total Probs. During Year.	Probs. and Nurses Who Left During Year.
1911	31	140	12	183	90	53 P. 16 N. — 69
1912	29	158	15	202	100	51 P. 7 N. — 58
1913	29	167	28	224	97	30 P. 8 N. — 38
1914	28	181	24	233	92	30 P. 10 N. — 40
1915	29	179	33	241	90	24 P. 6 N. — 30
1916	30	210	27	267	106	19 P. 4 N. — 23
1917	30	232	21	283	88	15 P. 13 N. — 28
1918	27	242	25	294	90	21 P. 6 N. — 27
1919	33	227	25	260	85	21 P. 3 N. — 24

Reference is made to pages 36–40 for other tables formerly appearing here.

PHILLIPS HOUSE

This building has proved a success. It was erected to increase the hospital's income, to concentrate the work of our staff at the hospital and secure more of their time for our charitable work, and to interest people of means in the hospital's work. It may fairly be said that these results have been attained.

	Number of Patients Admitted.			Total Patients' Days Treatment.	Average Stay in Hospital.
	Medical.	Surgical.	Obstetrical.		
1917	82	274	2	3,594	10 + days
1918	221	796	80	12,854	12 — "
1919	364	1,205	139	19,367	11 + "

THE NEEDS OF THE HOSPITAL

The needs of the hospital have been repeated year after year in the Resident Physician's report. Some of them have been adequately met. We now have our Moseley Memorial Building for administration; we have one of the nurses' homes required; we have the Phillips House,—the private ward for the people of means. The other needs have not been met and they are very pressing. It is hoped that during the year, your board will make the necessary appeal to the community for the funds required so that some of the most urgent may be satisfied in the immediate future.

Dr. Howland described at length the volunteer work done at the hospital by many women. This work has continued and is greatly appreciated. The time and service given without recompense by Trustees, Staff and many others is and always has been an honorable and creditable feature of our hospital.

Respectfully submitted,
FREDERIC A. WASHBURN,
Resident Physician.

GENERAL HOSPITAL

Table No. 1

COMPARATIVE STATEMENT OF STATISTICS

Hospital Wards and Single Rooms

	1919	1918
Patients in Hospital January 1:		
Medical	126	95
Surgical	196	225
Total	322	320
Patients admitted during year:		
Medical	2,399	2,664
Surgical	3,675	4,038
Total	6,074	6,702
Total patients treated in Hospital wards and single rooms during year:		
Medical	2,525	2,759
Surgical	3,871	4,263
Total	6,396	7,022
Patients discharged during year:		
Well	0	0
Relieved	4,809	5,427
Not relieved	731	538
Against advice	60	65
Died	406	578
Not treated	82	92
Total	6,088	6,700
Patients in Hospital end of year:		
Medical	101	126
Surgical	209	196
Total	310	322

Total patient's day's treatment:	1919	1918
Pay patients	63,338	66,621
Patients paying something	30,100	30,782
Free patients	20,762	18,927
Total	114,200	116,330
Percentage:		
Pay days	56—	57+
Part pay days	26+	27—
Free days	18+	16+
Total	100	100
Average patients per day:		
Pay patients	174—	182—
Patients paying something	82—	84—
Free patients	57—	52—
Total	313—	328—
Average time per patient in Hospital	19 — days	17 — days

Paying patients were admitted at the following rates: 10 at $56.00; 356 at $35.00; 39 at $21.00; 3,864 at $17.50; 3 at $15.00; 4 at $14.00; 15 at $12.50; 284 at $10.50; 3 at $10.00; 2 at $8.00; 47 at $5.00; 186 at $3.50. Some of the patients entered at these rates were afterwards made free.

There were 5,459 patients treated in the Emergency Ward. Of this number 1,843 were retained in the Hospital.

OUT-PATIENT DEPARTMENT	1919	1918
Number of cases treated (new cases)	27,943	25,441
Americans	15,729	13,512
Foreigners	12,214	11,929
Residents of Boston	11,590	12,475
Residents of other places	16,353	12,966
Medical Department	5,370	6,584
Surgical Department	5,959	5,650
Dermatological Department	2,263	1,862
Neurological Department	1,232	946
Laryngological Department	3,734	2,825
Children's Medical Department	2,307	2,089
Orthopedic Department	2,748	2,599
Genito-Urinary Department	1,549	1,343
Department of Syphilis	1,428	1,363
Dental Department	308	180
Infantile Clinic	1	0

	1919	1918
Total number of visits from patients	179,973	168,183
Average daily attendance	599+	557−
Total number of prescriptions filled	70,979	65,511
Number of visits for Massage and Baking	6,491	7,007
Number of applicants	33,332	27,285
Number admitted	27,948	25,441
Referred to other institutions	2,980	815
Number refused	2,409	1,029

AMBULANCE

	1919	1918
Ambulance calls during year	1,322	1,236
Average calls per day	4−	3+

EMERGENCY WARD

	1919	1918
Visits made to Emergency Ward during year	5,459	6,131
Average visits made per day	15−	17−

X-RAY

	1919	1918
Number of X-ray cases taken in the Out-Patient Department	8,423	9,408
Number of X-ray cases taken in the House	4,038	2,705
Number of X-ray cases taken in Phillips House	1,225	828

Table No. 2

RESIDENCES

	1919
Boston	1,251
Massachusetts (except Boston)	4,387
Maine	63
New Hampshire and Vermont	230
Rhode Island and Connecticut	48
New York	19
Other States	50
British Provinces	26
Total	6,074

Table No. 3

BIRTHPLACES

Boston	663
Massachusetts (except Boston)	1,771
Maine	224
New Hampshire and Vermont	264
Rhode Island and Connecticut	119
New York	133
Southern and Western States	211
Other States	57
Total in United States	3,442
Great Britain	210
British Provinces	583
Ireland	451
Norway and Sweden	93
Italy	399
Russia and Poland	515
Germany	41
France	12
Other places	328
Total Foreigners	2,632

BIRTHPLACE OF MOTHER

Boston	258
Massachusetts (except Boston)	699
Maine	268
New Hampshire and Vermont	266
Rhode Island and Connecticut	76
New York	113
Southern and Western States	193
Other States	56
Total in United States	1,929
Great Britain	342
British Provinces	838
Ireland	977
Norway and Sweden	137
Italy	592
Russia and Poland	728
Germany	85
France	15
Other places	431
Total Foreigners	4,145

Table No. 4

OCCUPATIONS

MALE

Agriculture, Forestry and Animal Husbandry

Agriculture

Farmers	69
Farm hand	1
Florists	2
Gardeners	12
Milkmen	2
Superintendent of farm	1

Animal Husbandry

Fishermen	17

Forestry

Checker in lumber camp	1
Forester	1
Lumberjacks	2
Lumberman	1
Sawyers	2
Surveyor in lumber camp	1
Woodchoppers	2
Woodsman	1

Clerical Occupations

Accountants	10
Agents	30
Bookkeepers	4
Cashiers	2
Clerks	76
Messenger	1
Newspaper markers	3
Postal clerk	1
Secretaries	2
Shipping clerks	20
Timekeepers	2

Domestic and Personal Service

Hotel Keepers and Managers

Innkeepers	2
Hotel managers	2

Janitors and Sextons

Janitors	28
Sextons	2

Laundry

Laundrymen	3
Washing-machine tender	1

Miscellaneous

Attendant	1
Barbers	35
Bartenders	5
Bellmen	2
Bowling alley manager	1
Butlers	4
Choremen	7
Cleaners	6
Coachmen	2
Chef	1
Cooks	23
Dishwashers	3
Elevator men	8
Floor polisher	1
Kitchen men	2
Office boy	1
Orderlies (hospital)	15
Porters	9
Restaurant keeper	1
Steward	1
Waiters	21

Extraction of Minerals

Quarries

Foreman	1
Quarryman	1
Stone cutters	6

Manufacturing and Mechanical Industries

Ammunition Factory

Glazer	1
Shell borer	1

Box Factory

Box makers	2
Fitters	2
Matcher	1
Paper cutter	1
Woodworkers	2

Brick and Stone Masons

Bricklayer	1
Brick maker	1
Mason's helper	1
Stone masons	11

Building and Building Contractors

Contractors (unspecified)	2
Constructor (elevator)	1

Butchers and Dressers

Butchers	14
Pork packer	1
Sausage makers	2

Carpenters

Carpenters	58
Carpenters' helpers	2
Lather	1
Roofers	2

Cigar Factory

Cigar makers	6
Machine hand	1
Stockman	1

Clothing Industries

Clothing factory — Mill hand	1
Hosiery mill — Presser	1
Raincoat maker	1
Suspender factory — Weavers	3

Cotton Mill

Beader	1
Card fixer	1
Dresser	1
Framers	2
Loom cleaner	1
Millwrights	4
Operative	1
Pattern maker (weaver)	1
Roller	1
Roper	1
Spinner	1
Stripper	1
Weavers	6

Dye House

Cleaner	1
Dyers	3
Steamer	1

Electricians and Electrical Engineers

Electrical engineer	1
Electricians	20
Electrician's helper	1

Engineers

Mechanical engineers	4
Refrigerating engineer	1
Stationary engineers	13

Factories (Miscellaneous)

Bag factory — Burlap cutter	1
Belt factory — Belt maker	1
Carpet factory — Weaver	1
Casket maker	1
Chair maker	1
Harness makers	2
Musical instrument maker	1
Silk mill — Weaver	1
Silver factory — Finisher	1
Soap makers	2
Surgical instrument maker	1
Surveying instrument maker	1
Velvet factory — Finisher	1

Filers, Grinders, Buffers and Polishers (metal)

Buffers	2
Filer	1
Grinder	1
Polishers	3

Food Industries

Biscuit makers	2
Boiler in sugar refinery	1
Cutter of bacon	1
Ice cream cone maker	1
Ice cream manufacturer	1
Tapioca grinder	1

Gas Works

Coal passer	1
Crane worker	1
Inspector	1

Hat Factory

Presser	1
Straw worker	1

Iron and Steel Industries

Coal mate	1
Drillers	2
Founder	1
Iron molders	10
Iron molder's helper	1
Iron workers	5
Sheet metal workers	2

Jewelry Factory

Engraver	1
Silver molder	1
Silversmith	1
Stone setter	1

Laborers (in various industries)

Laborers — Factory	57
Laborers — Shipyard	3
Repairers in furniture factory	2

Leather Factory

Dyers	2
Dressers	2
Finishers	2
Glazers	2
Machinists	4
Snuffer	1
Sorter	1
Tanner	1
Trimmer	1

Machine Shop

Assembler	1
Driller	1
Gauge maker	1
Machinists	80
Machinists' helpers	17
Mechanics	6
Millwrights	4
Tool makers	3

Mattress Factory

Filler	1
Mattress makers	2

Mechanics

Mechanic	1
Wheelwright	1

Metal Factory

Metal worker	1
Nickel plater	1
Oiler in brass foundry	1
Sheet metal workers	5

Miscellaneous

Bakers	16
Blacksmiths	18
Bleachery — Frame tender	1
Boiler makers	3
Book binders	2
Brewery — Bottlers	2
Broom makers	2
Cabinet makers	3
Candy makers	11
Cobblers	14
Firemen — Stationary	8
Flag maker	1
Machine hands (factory)	5
Machine operators (factory)	6
Millman (unspec.)	1
Oil works — Stillman	1
Paper hangers	2
Pattern makers	2
Shovel maker	1
Tailors	36
Tinsmiths	8
Tool maker	1

Upholsterers	2
Watchmakers	4

Officials (factory)

Foreman, clothing factory	1
Foreman, machine shop	1
Foremen, paper factory	2
Foreman, saw mill	1
Foremen, shoe factory	2
Inspectors	4
Manager	1
Overseer, cotton mill	1
Superintendents	5
Treasurers	2

Painters and Glaziers

Glazier	1
Painters	46
Sign painters	3

Paper Factory

Checker	1
Compresser	1
Mixer	1
Paper makers	4
Repair man	1
Skiver	1

Plumbers, and Gas and Steam Fitters

Plumbers	10
Plumbers' helpers	2
Gas fitter	1
Steam fitters	9

Rubber Factory

Baler	1
Craneman	1
Cement worker	1
Finisher	1
Foreman	1
Liner	1
Packers	2
Painter	1
Sheet worker	1
Shoe makers	4
Skiver	1
Solers	7
Spreaders	2
Stick carrier	1
Tire makers	3
Tire repairer	1
Trimmer	1

Shipyard

Boiler maker's helper	1
Bolter	1
Chipper	1
Corker	1
Crane operators	2
Drillers	3
Galvanizer	1
Iron workers	2
Puncher	1
Reamers	3
Riggers	3
Riveters	3
Rivet heater	1
Rivet passer	1
Rivet sorter	1
Ship builders	2
Ship fitters	2

Shoe Factory

Assembler	1
Bottom finisher	1
Breaster	1
Brushers	2
Counter maker	1
Crowner	1
Cutters	13
Finishers	3
Heelers	3
Helper	1
Inspector	1
Lacers	2
Lasters	18
Leveller	1
Packer	1
Pattern maker	1
Puller-over	1
Scourer	1
Shanker	1
Skiver	1
Shoe workers	14
Solers	3
Sorter	1

Stitchers	4
Stock fitter	1
Stockman	1
Treers	3
Trimmers	3
Vampers	4
Welters	2

Printing Office

Compositor	1
Machinist	1
Paper cutter	1
Printers	8
Stereotypers	2

Tannery

Hide handler	1
Shover	1
Tanner	1

Wire Mill

Insulator	1
Winder	1
Wood worker	1

Woolen and Worsted Mills

Carders	3
Dry finisher	1
Dyer	1
Loom fixer	1
Roller coverer	1
Ropers	2
Spinners	4
Weavers	11
Wet finisher	1
Wool handler	1
Wool sorters	3

Wood-Working Factory

Door maker	1
Roll cleaner	1
Wood turner	1
Wood worker	1

PUBLIC SERVICE

Miscellaneous

Custodian	1
Deputy sheriff	1
Firemen (fire department)	14
Gateman (hospital)	1
Laborers (general work)	203
Letter carriers	5
Night watchmen	3
Police officers	7
Town assessor	1
Watchmen	5

Officials and Inspectors (City and County)

Administrator	1
Cattle inspector	1
Egg candlers	2
Police inspector	1
Police officer	1
Superintendent of schools	1
Superintendent of gas works	1
Superintendent of water works	1
Trustee	1

Soldiers, Sailors and Marines

Boatswain, U. S. Navy	1
Boatswain's mates, U. S. Navy	8
Carpenter's mate, U. S. Navy	1
Clerk, U. S. Navy	1
Cooks, U. S. Navy	2
Corporal, U. S. Navy	1
Electrician, U. S. Navy	1
Firemen, U. S. Navy	6
Gunner's mate, U. S. Navy	1
Laborers (enlisted), U. S. Army	2
Landsmen Electricians, Radio, U. S. Navy	2
Machinist's mate, U. S. Navy	1
Marines, U. S. Navy	3
Privates, U. S. Army	6
Seamen, U. S. Navy	7
Sergeants, Marine Corps	2
Ship fitter, U. S. Navy	1
Steward, U. S. Navy	1
Yeoman, U. S. Navy	1

U. S. Army Officers

Captains	2

U. S. Navy Officers

Captains	3
Ensigns	5
Lieutenants	4
Lieutenant Commander	1

PROFESSIONAL SERVICE

Authors, Editors and Reporters

Journalist	1

Chemists

Chemists	6

Engineers

Civil engineers	3
Mining engineers	2

Designers and Draftsmen

Designer	1
Draftsmen	2

Miscellaneous

Actor	1
Architect	1
Clergymen	5
Dentists	4
Entomologist	1
Harp players	2
Lawyers	6
Manager, moving-picture show	1
Masseur	1
Musicians (unspec.)	3
Nurses	3
Physicians	49
Propertyman (theatre)	1
Singers	2
Teachers (unspec.)	4
Technician	1
Violinist	1
Ward tender (hospital)	1

Photographers

Photographer	1
Photograph printer	1

TRANSPORTATION

Deck Hands and Sailors (Not in Navy)

Deck hand	1
Mariner	1
Sea captains	3

Automobiles

Filer	1
Mechanic	1
Proprietors of garage	3
Repairers	8
Washers	2

Longshoremen

Longshoremen	8
Stevedore	1

Miscellaneous

Chauffeurs	51
Horseman	1
Messenger	1
Laborers — Street paving	6
Owner, livery stable	1
Stableman	1

Steam Railroad

Bagage masters	2
Blacksmith	1
Brakemen	14
Car cleaner	1
Car inspectors	7
Car loader	1
Car shifter	1
Checker (coat room)	1
Coal passers	2
Conductors	8
Crane operator	1
Crossing tenders	4
Dispatcher	1
Locomotive engineers	10
Firemen	7
Freight handlers	4
Iron worker	1
Laborers	5
Machinists	2
Porters	2

Repairmen	2
Section hands	2
Signal man's helpers	2
Station agents	2
Steam hammer operator	1
Switchmen	3
Train master	1
Trainmen	3

Street Railroad

Car cleaner	1
Conductors	5
Gateman	1
Motormen	12
Repairer of cars	1

Teamsters

Teamsters	54
Teamster's helpers	3
Truckman	1

Telegraph Company

Foreman of structure	1
Manager	1
Telegraph operators	4
Wire chief	1

Telephone Company

Agent	1
Inspector	1
Installer	1

TRADE

Brokers

Broker (unspec.)	1
Cotton broker	1
Real estate brokers	2

Department Store

Bundle boy	1
Crockery packer	1
Errand boys	3
Floor manager	1
Silver polishers	2

Electrical Supply Company

Grinder	1
Iron worker	1
Lineman	1
Machinist	1
Molder	1
Stock clerk	1
Trimmer (arc lights)	1

Miscellaneous

Jewelers	6
Undertaker	1
Wholesale dealer in barrels	1
Worker in seed shop	1

Newsboys

Newsboys	2

Peddlers

Fruit	14
Junk	8
Notions	2

Retail Dealers

Antiques	2
Druggists	4
Fish	3
Furniture	3
Groceries	16
Merchants (unspec.)	3
Milk	1
Newsdealers	2
Optician	1
Pharmacist	1
Rags	2

Salesmen

Salesmen (unspec.)	81
Salesmen (groceries)	8

Unclassified

Executor	1
No occupation	733
Students	342
Y. M. C. A. war worker	1

FEMALE

Clerical Occupations

Advertising agent	1
Bookkeepers	17
Canvasser	1
Cashiers	5
Clerks	35
Secretaries	7
Stenographers	18
Typewriters	3

Domestic and Personal Service

Attendants	3
Chambermaids	14
Checkers	2
Chorewomen	4
Cleaners	3
Companions	3
Cooks	31
Dishwasher	1
Dishwipers	2
Elevator tenders	2
Gauze stretcher (hospital)	1
Hairdressers	2
Hotel keeper	1
Housekeepers	35
Housework	91
Kitchen helpers	6
Lady's maids	2
Laundresses	13
Maids	57
Matrons	3
Nursemaids	12
Waitresses	35
Wrapper of hospital supplies	1

Manufacturing and Mechanical Industries

Box Factory

Box makers	3
Labeler	1
Machine feeder	1
Machine operator	1
Paster	1

Buffers and Polishers

Buffer (silver)	1
Polisher (silver)	1

Candy Factory

Floor girl	1
Machine feeder	1
Packers	4
Wrappers	4

Chocolate Factory

Dippers	3
Packers	3

Clothing Factory

Buttonhole makers	2
Repairers	2
Sewer	1
Stitchers	7

Cotton Mill

Piper	1
Quiller	1
Spinners	2
Warp tenders	2
Weavers	6
Winder	1

Dressmakers and Seamstresses

Draper	1
Dressmakers	13
Seamstresses	18

Factories (various)

Biscuit factory — Packer	1
Blanket factory — Stitcher	1
Cigar factory — Stripper	1
Dyeing mill — Spooler	1
Garter factory — Packer	1
Hosiery mill — Finisher	1
Leather factory — Sorters	2
Overall factory — Stitcher	1
Paper mill — Card	1
Piano factory — Worker	1
Rattan factory — Cane tier	1

Razor factory — Assembler	1
Rivet works — Bender	1
Stocking factory — Footer	1
Tape factory — Weaver	1
Thread mill — Winder	1
Wire mill — Sewer	1

Jewelry Factory

Cleaner	1
Machine operator	1

Knitting Mill

Cutter	1
Knitter	1

Miscellaneous

Book bindery — General work	1
Lithographer	1
Picture frame fitter	1
Printing press feeder	1
Selector of lithographic samples	1

Machine Shop

Machinist	1
Punch press operators	2

Official (factory)

Forewomen	2
Inspectors	4

Raincoat Factory

Buttonhole maker	1
Cement worker	1
Stitcher	1

Rubber Factory

Back maker	1
Doublers	3
Laborers	2
Packers	2
Rubber makers	4
Sewer	1
Shoemakers	3
Stitchers	2

Shoe Factory

Barrer	1
Caser	1
Cleaner	1
Cutters	2
Dresser	1
Heelers	2
Laster	1
Liner	1
Matchers	2
Packers	2
Paster	1
Perforators	2
Presser	1
Repairer	1
Skivers	2
Sorters	2
Stitchers	8
Table hand	1
Tacker	1
Vamper	1

Tailor's Shop

Buttonhole maker	1
Tailoresses	2

Twine Factory

Machine operators	2
Trotter	1

Watch Factory

Trainer	1
Watch maker	1

Woolen Mill

Drawer-ins	2
Examiners	2
Knitter	1
Menders	2
Sewer	1
Stitcher	1
Weavers	3

PROFESSIONAL SERVICE

Actresses	2
Anesthetist	1
Artist	1
Attendants (professional)	5
Chiropodists	2

Dancer	1
Governesses	2
Librarians	2
Nurses (graduate)	63
Nurses (pupil)	75
Organist	1
Physicians	2
Principal of school	1
Reader	1
Retoucher of photographs	1
Social workers	6
Teachers	16
Technician	1
X-ray operator	1

PUBLIC SERVICE

Assemblers, U. S. Navy	3
Yeowomen, U. S. Navy	17

TRADE

Department Store

Examiner	1
Floor walker	1
Stock clerk	1

Electric Supply Factory

Machine operator	1
Sealer of lamps	1
Winder	1

Miscellaneous

Managers of retail business	3
Milliners	4
Peddler — Lace	1
Saleswomen	20
Sorter in button shop	1

TRANSPORTATION

Steam railroad — Car cleaner	1
Telephone operators	12

UNCLASSIFIED

Housewives	1140
No occupation	570
Sisters of charity	2
Students	204

Table No. 5

TABLE OF ADMISSIONS, DISCHARGES, AND RESULTS AT THE GENERAL HOSPITAL FROM JANUARY 1, 1885 TO JANUARY 1, 1920

Year.	Total Admitted.	Free.	Paying Board all the Time.	Paying Part of the Time.	Whole Number Treated.			Deaths.	Percentage on Total Admitted.	Greatest Total.	Least Total.	Average.	Admitted through Emergency Ward.	New Out-Patients.	Out-Patient Visits.
					Paying Board.	Paying Board Part of Time.	Free.								
1885	2327	1910	371	46	382	46	2044	192	8.25	184	147	167	443	17016	.....
1886	2580	2124	392	64	409	64	2283	192	7.44	206	133	173	471	17925	.....
1887	2814	2340	429	45	447	45	2523	245	8.70	217	150	185	490	18981	.....
1888	3256	2549	553	154	570	154	2731	277	8.50	215	156	193	496	19472	.....
1889	2419	2825	500	94	514	94	3016	285	8.33	227	170	207	530	22939	.....
1890	3381	2546	581	254	599	254	2719	278	8.13	225	158	198	601	22545	.....
1891	3203	2566	425	212	449	212	2748	268	8.36	233	175	208	595	25819	.....
1892	3325	2612	549	164	566	164	2793	298	8.96	219	171	201	588	26718	.....
1893	3524	2768	614	142	627	146	2949	320	9.06	222	175	203	677	26527	.....
1894	3406	2683	621	102	636	107	2860	320	9.04	237	192	213	566	27989	.....
1895	3749	2553	1028	168	1091	168	2687	344	9.17	236	173	205	585	29146	.....
1896	4304	3103	1061	140	1124	140	3237	384	8.03	256	200	227	617	29867	.....
1897	4079	2841	1126	112	1220	112	2980	361	8.37	259	212	235	823	29181	.....
1898	4807	2854	1778	175	1868	175	3010	430	8.51	304	212	253	943	28741	.....
1899	4816	2812	1781	223	1882	223	2981	407	8.00	284	236	261	958	31003	.....
1900	4640	2985	1442	213	1534	213	3136	449	9.19	286	235	261	1171	31043	.....
1901	5094	3349	1385	360	1466	360	3527	496	9.26	283	217	255	1169	27667	.....
1902	4936	3227	1429	280	1521	280	3398	411	7.90	284	217	254	1024	27662	.....
1903	5080	3222	1653	205	1737	205	3399	438	8.62	305	251	274	1240	27865	.....
1904	5204	3251	1761	192	1861	192	3433	469	9.01	301	237	276	1246	25020	106,175
1905	5096	3073	1858	165	1968	165	3213	451	8.85	301	236	277	1527	21874	110,631
1906	5075	2850	2050	175	2188	175	2968	489	9.61	303	226	272	1650	20010	99,251
1907	5517	3285	2057	175	2189	175	3429	471	8.53	307	252	279	1829	20358	107,063
1908	5362	3417	1837	108	1971	108	3558	465	8.65	323	252	291	1586	20729	116,008
1909	5871	3380	2227	264	2378	264	3525	451	7.68	313	261	288	1737	21518	121,327
1910	6092	3523	2223	346	2361	346	3685	450	7.38	317	262	289	1695	22302	124,584
1911	6495	3874	2114	507	2269	507	4005	475	7.31	320	260	295	2289	22232	135,809
1912	6629	3470	2583	576	2777	613	3779	470	7.00	316	270	294	1939	22639	136,095
1913	6251	3014	2507	730	2670	763	3116	428	6.80	327	281	305	1693	24887	147,428
1914	6413	3252	2400	761	2606	844	3499	425	6.60	339	290	318	1658	24957	158,090
1915	6503	3424	2119	960	2227	960	3642	405	6.20	340	247	312+	1423	29213	190,628
1916	6507	3047	2360	1100	2444	1193	3151	409	6.28	366	204	305+	1351	31061	201,375
*1917	6699	2549	3591	559	3720	682	2620	401	5.98	330	244	318+	1612	31104	205,524
*1918	6702	1072	3820	1810	4003	1896	1123	578	8.62	431	226	328+	2031	25541	168,183
*1919	6074	770	4169	1135	3588	1412	1088	406	6.68	339	278	308+	1843	27948	179,973

* Does not include Phillips House.

Total No. of patients in wards from the year 1821, 232,003.

REPORT OF THE ADMINISTRATOR

To the Trustees of the Massachusetts General Hospital:

Gentlemen: — Herewith is submitted the report of the Administrator from March 27 to December 31, 1919.

The appointment of an Administrator, who did not also act as Resident Physician, naturally brought about some changes in the administration of the Hospital. Early in April a Budget was prepared, and the General Hospital, the Out-Patient Department, and the Phillips House were placed on a Budget operation. The result has been satisfactory. The knowledge thereby gained as to the channels of expenditure of the Hospital funds has enabled numerous small economies to be made, which in the aggregate have reached a respectable figure.

Out of this sum a large part of the general repair work of the Hospital, which had run behind during the two years of war, has been carried through, and many special expenditures for new equipment have been made without exceeding the Budget laid down.

Yours very truly,

Parker H. Kemble,
Administrator.

FINANCIAL TABLES

Total Expenses.

	General Hospital.	Out-Patient Department.	Consultation Clinic.	Phillips House.
1917	$503,719.18	$110,543.67	$6,794.01	$60,558.74
1918	519,569.44	100,434.59	32.10	150,770.21
1919	557,077.99	109,583.58	. . . .	259,396.52

Total Receipts.

1917	$183,763.43	$99,872.13	$6,922.00	$44,481.88
1918	249,317.25	91,429.70	. . . .	181,902.33
1919	250,482.75	110,782.46	. . . .	297,739.31

General Hospital

	Average Daily Cost per House Patient.	Daily Cost per Capita for Provisions for all Persons Supported.
1911	$2.65 +	$0.28 —
1912	3.00 +	0.31 +
1913	3.01 +	0.33 +
1914	3.09 +	0.34 +
1915	3.31 +	0.32 +
1916	4.05 +	0.37 +
1917	4.36 +	0.41 +
1918	4.37 —	0.48 +
1919	4.77 —	0.54 +

Out-Patient Department

	Cost of Maintenance Out-Patient Department.	Average Daily Cost per Patient.	Total Receipts.
1908	$50,902.61	$0.44 —	$39,955.80
1909	54,739.32	0.45 +	42,636.05
1910	56,383.06	0.45 +	44,296.92
1911	62,476.04	0.46 +	46,643.45
1912	62,704.66	0.46 +	47,607.00
1913	70,077.00	0.47 +	53,453.20
1914	74,710.04	0.47 +	58,668.95
1915	84,451.96	0.44 +	73,521.99
1916	103,233.15	0.51 +	88,256.24
1917	110,543.67	0.54 +	99,872.13
1918	100,434.59	0.60 —	91,429.70
1919	109,583.58	0.61 —	110,782.46

Emergency Ward

	Average Daily Cost per Patient.	Cost of Maintenance of Emergency Ward.	Total Receipts
1908 . .	$0.78 —	$4,141.03	$518.23
1909 . .	0.83 —	4,389.78	488.88
1910 . .	0.82 —	4,555.97	571.80
1911 . .	0.72 —	4,331.75	618.80
1912 . .	0.78 +	4,343.15	770.17
1913 . .	0.86 +	4,665.50	1,560.07
1914 . .	0.96 +	5,090.52	1,867.38
1915 . .	1.03 +	5,006.69	2,297.97
1916 . .	1.21 +	6,210.98	2,911.60
1917 . .	2.05 —	12,380.79	4,247.25
1918 . .	1.91 —	11,681.11	3,821.30
1919 . .	2.35 —	12,804.62	4,605.85

Statement of Stock on Hand

	1919	1918
Administration Supplies	$4,412.86	$4,072.67
Professional Care of Patients' Supplies	19,289.87	18,738.46
Department Supplies	32,956.70	38,007.51
General House and Property Supplies	12,005.98	7,574.41
General Material	2,725.76	4,954.41
Phillips House.	7,579.03	5,329.50
Total Stock on hand January 1, 1920	$78,970.20	$78,676.96

General Hospital. — Administration Account No. 1, for the Year 1919

	Total	General Hospital	Out-Patient Dept.	Phillips House	Out-Pat. Dept., Social Service	Convalescent Hospital	McLean Hospital	Eye & Ear Infirmary
Salaries and Wages								
Administration, Officers and Clerks	$67,667.76	$46,782.28	$10,502.16	$10,383.32	....	....	....	....
Telephone Operators	4,266.60	1,750.33	569.63	1,946.64	....	....	....	....
Physicians and Surgeons	5,697.06	5,647.06	50.00	....	....	....	....	....
Supt. of Nurses, Assistants and Instructors	9,696.76	9,696.76	....	....	....	....	....	....
Nurses	35,930.47	12,226.60	3,578.73	19,654.76	....	....	....	$470.38
Special Nurses	62,980.10	8,127.87	....	54,852.23	....	....	....	....
Orderlies	23,303.66	19,066.98	1,193.35	3,043.33	....	....	....	....
Apothecary	8,861.18	4,781.42	2,838.62	1,147.54	....	....	....	93.60
Instrument Shop	1,494.79	1,121.10	373.69	....	....	....	....	....
X-Ray Operators and Clerks	15,546.47	5,652.87	4,111.19	5,782.41	....	....	....	....
Ambulance	3,022.85	3,022.85	....	....	....	....	....	....
Messengers, Cleaners and Maids, O. P. Dept.	11,021.95	....	11,021.95	....	....	....	....	....
Other Out-Patient Dept. Employees	12,863.17	....	12,703.17	160.00	....	....	....	....
Housekeeping and Kitchen Wages	106,762.69	65,451.68	3,928.00	37,383.01	....	....	....	....
Laundry Wages	21,201.15	12,904.67	1,126.39	7,170.09	....	....	....	....
Pathological Laboratory	19,293.16	18,139.65	....	1,153.51	....	....	....	....
Maintenance, Property and Power Plant	38,089.82	22,770.13	5,540.96	4,778.81	....	....	....	4,999.92
Corporation Expenses	1,270.81	910.81	....	....	....	$360.00	....	....
Capital Expenses	1,666.66	1,666.66	....	....	....	....	....	....
Out-Patient Department Social Service	4,042.32	....	....	....	$4,042.32	....	....	....
Total Salaries and Wages	$454,679.43	$239,719.72	$57,537.84	$147,455.65	$4,042.32	$360.00	....	$5,563.90
Supplies								
General Administration Expenses	$28,972.63	$20,670.53	$2,785.73	$5,453.70	$43.75	....	$1.50	$17.42
Medical and Surgical Supplies	73,080.63	36,430.76	25,823.72	10,026.74	290.35	....	20.25	488.81
X-Ray Supplies	11,771.26	6,640.56	3,541.85	1,562.85	26.00	....	....	....
Ambulance and Automobile Supplies	4,358.79	3,845.29	....	513.50	....	....	....	....
Uniforms and Equipment	2,507.38	2,131.62	353.96	21.80	....	....	....	....
Housekeeping and Kitchen Supplies	38,246.63	22,800.59	1,281.42	13,489.42	....	....	1.75	673.45
Laundry Supplies	7,716.34	4,500.16	283.21	2,814.96	....	....	116.06	1.95
Groceries and Provisions	194,070.63	130,708.45	6,628.72	55,737.12	....	....	970.23	26.11
Maintenance, Property and Power Plant	106,092.78	71,980.69	8,767.43	17,147.91	....	....	....	8,196.75
Refunds	6,661.52	5,335.99	689.00	636.53	....	....	....	....
Miscellaneous	3,052.52	1,478.32	684.01	690.57	21.00	....	69.00	109.62
Capital Expenses	2,713.00	2,665.15	....	47.85	....	....	....	....
Out-Patient Department Social Service	628.26	....	....	....	628.26	....	....	....
Dalton Scholarship	750.00	750.00	....	....	....	....	....	....
Total Supplies	$480,622.37	$309,938.11	$50,839.05	$108,142.95	$1,009.36	....	$1,178.79	$9,514.11

General Hospital. — ADMINISTRATION ACCOUNT NO. 1 (*continued*)

Receipts	Total	General Hospital	Out-Patient Dept.	Phillips House	Out-Pat. Dept, Social Service	Convalescent Hospital	McLean Hospital	Eye & Ear Infirmary
Private Room Patients	$223,525.07	$32,624.43	....	$190,900.64	....	....	....	....
Ward Patients	152,683.50	152,683.50	....	....	....	....	....	....
Special Nurses	79,201.23	8,159.91	....	71,041.32	....	....	....	....
Medical and Surgical Supplies	53,868.74	15,682.09	$23,679.01	14,507.64	....	....	....	....
Ambulance	2,585.74	2,072.24	....	513.50	....	....	....	....
X-Rays	37,687.92	12,764.92	9,854.15	15,068.85	....	....	....	....
Emergency Ward Fees	2,951.75	2,951.75	....	....	....	....	....	....
Admission Fees, Out-Patient Dept.	36,373.35	....	36,373.35	....	....	....	....	....
Special Dept. Fees	7,672.20	60.00	7,252.20	360.00	....	....	....	....
Prescriptions	31,680.13	....	31,680.13	....	....	....	....	....
Consultation Clinic Fees	....	....	....	....	....	....	....	....
Miscellaneous	30,774.89	23,483.91	1,943.62	5,347.36	....	....	....	....
Eye and Ear Infirmary	15,078.01	....	....	....	....	....	....	$15,078.01
Out-Patient Department Social Service	178.65	....	....	....	$178.65	....	....	....
Total Hospital Receipts	$674,261.18	$250,482.75	$110,782.46	$297,739.31	$178.65	....	....	$15,078.01

SUMMARY ADMINISTRATION ACCOUNT NO. 1

	Total	General Hospital	Out-Patient Dept.	Phillips House	Out-Pat. Dept., Social Service	Convalescent Hospital	McLean Hospital	Eye & Ear Infirmary
Salaries and Wages	$454,679.43	$239,719.72	$57,537.84	$147,455.65	$4,042.32	$360.00	....	$5,563.90
Supplies	480,622.37	309,938.11	50,839.05	108,142.95	1,009.36	....	$1,178.79	9,514.11
Corporation Expenses and Insurance Paid by Treasurer	12,425.02	7,420.16	1,206.69	3,797.92	....	.25	....	....
Total Expenses	$947,726.82	$557,077.99	$109,583.58	$259,396.52	$5,051.68	$360.25	$1,178.79	$15,078.01
Total Hospital Receipts	$674,261.18	$250,482.75	$110,782.46	$297,739.31	$178.65	....	....	$15,078.01
From Treasurer	257,000.00	....	....	....	....	....	....	....
Bills Paid by Treasurer	1,405.46	....	....	....	....	....	....	....
Corporation Expenses and Insurance Paid by Treasurer	12,425.02	....	....	....	....	....	....	....
Total Receipts	$945,091.66	....	....	....	....	....	....	....
Cash on hand, January 1, 1919 . . $4,635.54	....	....	....	....	....	....	....	....
Cash on hand, December 31, 1919 . . 2,000.38	2,635.16	....	....	....	....	....	....	....
Total	$947,726.82	....	....	....	....	....	....	....

REPORT OF THE GENERAL EXECUTIVE COMMITTEE

SHALL WE SEEK FOR PATIENTS?

Up to 1905 the hospital stood ready for patients, accepted them when suitable, but never sought them. "Sufficient unto the day" was till then our motto. But in 1905 began the aggressive attack on the Tuberculosis problem by Dr. Pratt and Dr. Hawes. They sought out (through social service workers or otherwise) the tuberculous children who didn't come of their own accord and were not brought by their parents.

So after the epidemic of infantile paralysis in 1916, we sought out, through our social service department, the children who had passed the acute stages of the disease but still needed for their paralyzed muscles the exercise, massage, splinting, apparatus or operation which can prevent crippling, lameness and deformity. We have not only cared for those who sought aid at the hospital but have gone after patients and persuaded them to take treatment.

This is the principle of preventive medicine because it prevents the extension and multiplication of disease by nipping it in the bud. It is also the principle of defense by means of attack, because *attack combined with defense* is safer than defense alone. It has been exemplified in our Tuberculosis classes, in our Poliomyelitis clinic, in our Syphilis clinic and to some extent in our Children's clinic. In all of these social service has been employed to get the new patients, because social service is used to seeking out all the

members of a family when one member appears at the hospital in trouble.

This new policy of seeking patients instead of being content with treating those who come of their own accord, has developed in the hospital, sporadically and unconsciously for the most part, without any concerted or deliberate intention on the hospital's part. It marks our unconscious acceptance of the public health point of view and the social point of view.

Whether this idea has come to stay or to vanish depends on whether the hospital, after facing this new tendency in its organism, decides to encourage or to eradicate it. Parallel situations exist in business houses, some of which seek new business while others are content with what comes to them. If it were merely a question of numbers, it might well be good policy to restrict rather than to increase our activities,—if only for financial reasons. But the question is not merely:

"How many patients shall we treat?" but also *"Which patients shall we treat?"* This last question we have always answered when we rejected chronic, incurable, contagious and obstetric cases. We have called ourselves: "an acute hospital" and to that extent we have chosen our intake, though still passively,—i.e. by rejection. But we go further when we begin to choose our intake actively, to attract or to persuade into the hospital new patients for whom we think our services are especially needed. This is the policy implied in what we have done for tuberculosis, for syphilis, for gonorrhea and for poliomyelitis since 1905. Our Consultation Clinic sprang from the same idea.

Is this well? Should the policy be confirmed and extended? It is in effect a policy of advertisement without newspaper publicity. Through outside doctors and through our social service workers, we have advertised our resources and asked people to use

them. Certain diseases are dying out — chlorosis, typhoid and alcoholism, for instance. Unless we find other acute or preventable diseases to draw into their places in our clinics, we may soon find ourselves treating too large a percentage of chronic or relapsing diseases of the heart, kidney or lung for which we can do relatively little good.

This whole problem, — the scrutiny and choice of our intake deserves, we believe, further study.

One Disease, One Clinic

First tuberculosis, then syphilis, gonorrhea, diabetes, stomach troubles, poliomyelitis, children's nutrition, speech defects, asthma and heart disease have been separated from the general clinics in our O. P. D. and are now treated in special clinics. In each of these a physician treats for the time being one disease only. This policy originated in this hospital and has been widely copied elsewhere. There is no possible doubt of its value to the patient. It works best where class methods can be used. If, for example, the troubles and mistakes of one diabetic can be made a text or used as a demonstration in addressing advice to the assembled group of diabetics waiting their turn, time is saved for the physician who must otherwise give the same advice again and again and give it worse as he gets more and more tired of it. To address a group inspires the speaker, saves his time and makes his words more effective because the group is impressed by its own numbers. Moreover, such patients instruct each other while they wait and often can encourage each other, since there are always some members of the class who are improving and can testify convincingly about it.

The same principle of assembling like groups of patients is being carried out *within* such clinics as the children's, the nerve, the orthopedic and the genito-

urinary. The babies with eczema, the children with heart disease, the dyspeptics, the epileptics, the scoliotics, the cases of gonorrheal vaginitis in children, are separated, and each group treated by a single physician, although special rooms are not assigned to each.

The dangers of this method are to the physicians; it tends to make keen narrow specialists, skillful and interested in one disease only, while in the general clinics from which all these groups are withdrawn, the interest is diminished and the men tend to lose zest. This danger can be avoided only by a system of rotation or exchange in the special clinics, whereby each physician serves an apprenticeship in a special clinic, later takes charge of it for a time, teaches an understudy and then becomes himself an understudy in a second special clinic. The physician who passed in succession through the diabetic clinic, the asthma clinic, the tuberculosis clinic, the gastro-intestinal and the cardiac clinics, would get a training probably unequalled anywhere in this vicinity.

Organized Clinical Research Established

Bigelow, Fitz, Wright and other great individualists have done monumental research work at the Massachusetts General Hospital. But none of them and no one else, so far as we know, has attempted to start at this hospital any *organized clinical research* — that is, any group of full-time men in close touch with each other, with the wards and with a director of research who can suggest, encourage and supervise their work.

Organized research is team work in contrast with sporadic effort. The men doing it are full-time men or essentially so, governed by common standards. They have easy access to a counselor whose judgment and scholarship they respect, — the director of research. He does not dictate to them in any way, but is ready to share in the orientation and steering of their plans

and in foreseeing or overcoming the obstacles that may be encountered.

Such a group of men was planned for when the new medical laboratories were organized in the spring of 1917. But not till after the war — two years later — were they actually at work under the directorship of Dr. David Edsall. The year 1919 therefore marks the real beginning of this new venture. Some of the men working under it are allowed to see private patients and have office hours at the hospital for this purpose. They also follow and continue to advise certain ward patients after their discharge, and this continuous watching helps to complete the studies begun on the same patients in the wards. The germ of a true follow-up system for the whole hospital seems to be contained here. We hope ere long to see it grow.

The Medical Laboratory, then, is useful in the care of patients as well as for research. It has educational value also for our internes and students. Four men on full time and five men on part time are now working there. Besides these, there are four paid technical assistants and four volunteer assistants. These volunteer assistants have been of material help and have decidedly increased the volume of work turned out by the laboratory.

The expenses and salaries are met partly by the Harvard Medical School, partly by the Hospital and partly by special gifts.

The work now under way in the Medical Laboratory is as follows:

Dr. Reginald Fitz is making an intensive study of diabetes mellitus, of nephritis, and of the blood fat and blood sugar in a variety of conditions. The chemical portion of the laboratory is under his direct charge. A well-trained chemist, Mr. Arthur Wetmore, is assisting Dr. Fitz in his work.

Dr. F. T. Lord has continued during much of the past year his studies of the hydrogenion concentra-

tion of pneumonic exudates, and of the relation of the reaction of media to the speed of growth of the pneumococcus. At the present time, in collaboration with Dr. Robert N. Nye, he is continuing this work by electrochemical methods.

Dr. George R. Minot has continued his study of blood diseases, particularly from the point of view of abnormal blood destruction and formation. During the war he made extensive studies of the blood in T. N. T. workers.

Dr. A. V. Bock is devoting a large part of his time to work in the Medical Laboratory, especially in study of blood volume and blood gases.

Dr. J. H. Means is continuing his work on the basal metabolism in thyroid disease, and inasmuch as the routine basal metabolism determinations cannot be done elsewhere in the hospital, they are being done in the Medical Laboratory for diagnosis and as a guide to treatment in thyrotoxicosis and mysedema. Dr. Means is also making studies of blood flow in connection with Dr. Bock's blood volume work, and of the total and blood metabolism in connection with Dr. Minot's studies.

All the blood work of the Medical Laboratory is essentially part of a scheme of coöperative research which includes workers at the Peter Bent Brigham, Huntington and Boston City Hospitals.

Dr. F. M. Rackemann is studying various problems in the field of anaphylaxis.

Dr. Fritz B. Talbot has just installed at his own expense a Benedict cot-chamber-respiration-apparatus and is ready to continue his studies of the respiratory exchange in infants (begun eight years ago), especially in pathological conditions of various sorts.

The electrocardiograph station which has been in operation since 1914 in rather inaccessible and cramped quarters under Ward G will shortly be moved up to the Bulfinch Building and become an integral part of the

Medical Laboratory. Dr. P. D. White is again in charge of the cardiographic work and Dr. Stanley Cobb is working in the related field of electromyography.

It is hoped that as time goes on more space and more funds will become available for clinical investigation so that due advantage may be taken of the remarkable opportunities offered by the various clinics of this hospital for the advancement of scientific medicine.

The Surgical Division

For several years the Surgical Staff has recognized the value of work upon special subjects. To this end groups of cases have been assigned for study and treatment to various members of the staff. These investigations have served two distinct purposes — the development of individuals skilled in the care of certain diseases and the raising of the general average of the staff treatment. Because of these investigations the hospital stands better fitted than ever before to serve the community in surgical ways. The results of these investigations have from time to time been reported to the staff and published.

At present the following are some of the special studies and investigations that are being made:

A careful analysis of the results of the treatment of surgical affections of the stomach and duodenum.

An analysis of the results of the treatment of peripheral nerve lesions.

An analysis of the treatment of exophthalmic goitre.

There has existed for several years a very close cooperation between the Surgical Out-Patient Department and the Surgical House Service, particularly in the care of fractures of bone. This large group of traumatic cases coming to the hospital has been placed under the care of a few men devoted to their treatment. The "fracture squad" is an established institution for

the study and treatment of fractures of bone. The hospital is therefore able to offer the public a well-organized systematic treatment for this group of cases. When it was apparent that in civil surgery, as well as in military surgery, an adequate method of combating sepsis in wounds was essential to the successful care of infected wounds, steps were taken by the Surgical Division to establish the Carrel-Dakin technique in the hospital.

The Rockefeller War Hospital granted the request of a staff member to admit to its wards for study and instruction a member of the staff, a resident surgeon, a nurse, and a chemist. These four individuals spent considerable time in learning the essentials of this special treatment. This treatment is now established, and has been satisfactorily administered for two years to the advantage of many simple as well as complicated cases.

The teaching of surgery to graduate doctors from outside the hospital from both near and distant parts has been systematically undertaken by members of the Surgical Staff. Courses are provided in several subjects.

Coöperation between the Neurological Department and the Surgical Department has been furthered by the appointment of a neurologist to the position of Assistant in Surgery. The assignment of this Assistant in Surgery to the surgeon studying and treating neurological cases is a distinct advance.

There are a number of subjects specially assigned to individual staff members, the study of which is helping definitely to further our knowledge of disease—investigations made upon the living intended to perfect surgical and medical treatment. These carefully conducted investigations upon the living serve to establish the truth or error of the result of investigations conducted in the laboratory. There is ample necessity for carefully conducted *clinical* investigations of dis-

ease. Laboratory research is important; so is research in the ward. The hospital is fortunate in having established the custom of these clinical researches. By them the standard of surgery is maintained.

Among the special assignments the most important are:

1. Surgery of the brain and spinal cord.
2. Cancer of the rectum.
3. Cancer of the uterus.
4. Cancer of the face, mouth, and tongue.
5. Surgery of the chest.
6. A study of empyema — a most important subject in connection with the recent influenza epidemic.
7. Arrangements have been made for coöperation between Out-Patient Department and the House, so that septic hands — as a result of which many laboring men and women are permanently marred — can be under the charge of one surgeon who is responsible for the end results.

New Activities of the Out-Patient Department Staff

The Medical Out-Patient Staff have begun a series of clinical meetings for their own members, with papers and demonstrations. This is a most encouraging sign of independent activity on the part of this staff. The volume of interesting, scientific material passing through these clinics is very large, but so far little of it has been studied continuously or coöperatively by the staff as a whole. Treated in this way the opportunities of Out-Patient work are superior in some respects to those of the wards, and may in time come to be valued as highly.

Two other interesting evidences of activity on the part of the medical Out-Patient Staff are: (a) Their request for resumption of staff ward rounds (begun in 1912 but suspended before the war), so that the Out-Patient men may see with the House Staff the more interesting cases in their wards. (b) Their request that a member of the House Staff be present one

morning a week in the Out-Patient Department to see cases in consultation with the attending staff. Such weekly consultations have been arranged for.

Ward Occupations

For many years the Ladies' Visiting Committee of the hospital has done what it could to provide sewing and other occupation for convalescent ward patients in need of something to fill their time and their thoughts. Such work is an important element in the physical improvement of the patients as well as in their contentment. But they always need to be supplied with initiative, guidance, teaching, and materials. This the newly formed Committee on Occupations is undertaking to furnish, supplementing the devoted labor which Miss M. M. Brackett and the Visiting Ladies have furnished in past years.

The problem is a difficult one, because our patients do not stay long enough to carry any piece of work far, and because we have no good workroom in which apparatus, tools, and materials can be accumulated. But with our new committee representing the Orthopedic Department, the Lady Visitors, the Social Service Department, and other interesting agencies, we may hope for success.

The Industrial Clinic

The Industrial Clinic, closed during the first year of the war, has been reopened for the past year, the expenses of conducting it being now met by the Medical School from the funds for Industrial Medicine. It has been in charge of Dr. Linenthal, and recently Dr. Wade Wright has returned and has in part taken up his activities again in connection with this clinic. It is being regularly used now in connection with the teaching in the course for industrial physicians, and is carrying on its previous activities in regard to the

diagnosis and care of patients in the Out-Patient Department and the House. In addition to that, the staff, particularly Dr. Wright and Miss Fuller, who has been serving in connection with the clinic and its social service relations, have been doing an increasing amount of work in studying factories and their relations to the health of the out-patient clientèle. Dr. Wright has taken up a special and prolonged study of a particular factory in which an extremely interesting disturbance of health is present, and which the owners desire investigated at length so that they may attempt to control the condition. He has other similar studies in view.

The Poliomyelitis Clinic

After the epidemic of 1916, when a large number of acute cases were received at the Boston City Hospital, the addresses of those discharged from that institution were classified and divided into two groups: Those relatively near the Massachusetts General Hospital and those nearer the Children's Hospital where was held the Clinic of the Massachusetts Commission on Infantile Paralysis. Thus follow-up work and continued treatment could be offered to the parents for their children.

Our half of this job has meant the treatment of approximately * 391 children from 3 to 7 years old in the period between Nov. 1916 and Oct. 1919. Many of these children, too crippled to walk, have been brought to the hospital on clinic days by ambulance for a considerable period: 16,614 visits have been made to our clinic by these 391 children, and in addition we have given them 4,409 home treatments; 299 and still under treatment. Of these 391 children, 13 have died from intercurrent infections other than poliomyelitis. Excluding these, all but three of those treated have re-

* A few cases resulting from previous epidemics are included.

gained or soon will regain the power to walk. Toe-drop and shoulder-drop have been prevented by light splints, and compensatory muscles have been developed to take the place of those atrophied, so that the affected leg or arm is scarcely any smaller than the sound one. Permanent apparatus has been applied in many and, at the fit time, operation has in suitable cases improved the condition.

This work has cost the hospital nothing but the space and heat needed for the clinic. The transportation of children, their treatment and supervision, has been provided by outside agencies and by the social service department. The results are such as the hospital may well feel proud of.

Clinic for Anaphylactic Cases

(Asthma and Hay Fever)

Originally the new methods of diagnosing and treating these cases were started in the Throat Department by Dr. J. L. Goodale. During the year 1919 it became clear that the cases of asthma and hay fever belong more logically and practically in the Medical Department, since asthma and hay fever are not local diseases of the throat, but chemical disturbances of the whole body with local evidence in the air passages. General physical examination and general medical advice is often important in such cases. Hence they do not belong in the Throat Department, and have been transferred this year to a special medical clinic under the care of Dr. Francis M. Rackemann.

The advances in treatment of these diseases by progressive prophylactic immunization demand a complex and time-consuming technique in which very few men are expert. It also makes charlatanry and slovenly work very tempting. Men of broad general training and active critical sense are needed to secure the best results without arousing false hopes. We are

fortunate in having our clinic now established on a wholly satisfactory basis.

Nerve Department

Under Dr. Taylor, as under Dr. J. J. Putnam, the Nerve Department has striven to avoid the disadvantages of specialism and to keep itself linked as closely as possible with the rest of medicine. Realizing that one cannot understand disease in the nervous system without a knowledge of every other system in the body, Dr. Putnam and Dr. Taylor have always wished to have their Department function as part of General Medicine. Advance in this direction has been made this year by the assignment of Dr. Stanley Cobb to ward duty as neurological consultant in the medical wards.

But Dr. Taylor desires still further to refresh and deepen the activities of his Department by providing for interchange of information with the basic sciences of physiology and pathology. This he attains in some degree owing to the fact that Dr. J. B. Ayer is working both in the Nerve and in the Pathological Departments this year, while Dr. Cobb works with the Physiologic Department as well as with the Nerve. Some further strength of communication is added by the assignment of Dr. Viets as a liaison between the surgical and nerve departments in cases that may come to operation.

Department of Syphilis

(South Medical)

The South Medical Department is one of those that have gained most this year in comparison with last year. Its total patients — old and new — numbered 1,782 more than in 1918. (The Throat Department showed the greatest gain — 2,473, — the South Medical next, and the Nerve third, with 1,189 gain in total

attendance. But these figures merely bring us up to our usual level before the war.)

On one single day in November, 167 patients attended the South Medical Clinic, — a new high-water mark. This attendance is in part due to the splendid follow-up system of this clinic. But the number of new cases has also increased.

The Department has recently had the assistance of Dr. H. C. Solomon, and through his help and the increased use of lumbar puncture, syphilis of the nerve system is now recognized earlier in this clinic than ever before. This is an important gain in the work of the Department.

REPORT OF THE PATHOLOGICAL LABORATORY

The usual routine, bacteriological, chemical, microscopical, and pathological examinations in connection with the study of diseases of the patients in the hospital have been carried on as in previous years.

During the year 111 autopsies were performed in the laboratory and the post-mortem appearances recorded. The percentage of autopsies among the deaths occurring in the hospital is 26.3 per cent as compared with 17.6 per cent in 1918. This continued small proportion of cases in which an autopsy was permitted is to be regretted, for it hampers the progress of medical knowledge among the physicians, surgeons, and students who frequent the hospital, and also lessens the value for medical research of the clinical records of the hospital.

Of microscopical preparations from autopsy material 1,262 have been prepared and filed during the year, as compared with 1,571 in 1918.

Reports rendered for bacteriological examinations for the microörganisms of diphtheria, typhoid fever, and other diseases number 2,453. There were 3,068 in 1918.

For testing various specimens for the presence of tubercle baccili 90 guinea pigs were used. In 1918 the number was 120. This decrease in the number of guinea pigs used for this purpose is probably due to the increased use of the direct microscopical examination of centrifugated urine.

Reports of gross and microscopical appearances and

the pathological diagnosis of 1,651 specimens from the medical and surgical clinics were rendered. From this material 2,542 microscopical preparations were made and filed. The corresponding figures for 1918 were 1,608 and 2,044.

The number of specimens of blood tested for evidence of infection with syphilis is 13,385, as compared with 11,106 in 1918; 345 specimens of blood were also tested for evidence of infection with gonorrhea.

Chemical examination of specimens to the number of 2,542 were made by the Chemical Laboratory, as against 1,426 in 1918.

Other statistics are:

Complement fixation tests for infection with Tenia echinococcus, 34, as compared with 50 in 1918.

The treatment of patients with bacterial vaccines has been continued, and during the year 217 cases were so treated as compared with 174 in 1918.

The facilities and material offered by the laboratory for the instruction of physicians and students of the Harvard Medical School in bacteriology, pathology, and diagnosis by laboratory methods have continued to be extensively utilized.

The weekly conferences and discussions of clinico-pathological aspects of hospital cases, conducted in the amphitheatre of the laboratory before fourth-year students and others, have been continued during the academic year. These exercises have been conducted by Drs. Oscar Richardson, R. C. Cabot, W. H. Smith, Hugh Cabot, and E. L. Young, Jr. The attendance has been good and much interest has been manifested.

The courses in medicine and pathology for practitioners, given by Drs. W. H. Smith and Oscar Richardson, have been well attended and continue to be highly successful.

A clinico-pathological conference, for the third-year class, on alternate Fridays, has been instituted by Drs. R. C. Cabot and J. H. Wright.

The conferences and courses above mentioned are held in the amphitheatre of the laboratory. The considerable number of (sometimes about 100) persons attending and the increasing demand for preserved specimens for teaching makes space for hanging hats and coats and for storage of specimens desirable. This space could be obtained by the removal of the paint shop from the building.

Instruction in pathology to sections of second-year men and special courses to five students of the Harvard Medical School have been given by Dr. J. H. Wright, who has also given some of the lectures at the Harvard Medical School in second-year courses in pathology.

Dr. A. E. Steele has instructed two students in the preparation and use of bacterial vaccines.

The room in the laboratory for students in clinical medicine has continued to be used by them during their courses.

Dr. H. F. Hartwell, in addition to his work as Surgical Pathologist, has continued the collection and preservation of specimens for teaching purposes.

Of special studies carried on during the year the following may be mentioned:

Dr. W. H. Smith has continued his studies of bacteria in pneumonia and endocarditis.

Dr. W. Denis has worked on the following subjects: the occurrence of inorganic phosphates in blood serum; a method for determining sulphates in blood; the effects of higher calcium feeding in animals; and the blood calcium in spasmophilia.

Mr. E. H. Craighead has worked on the problem of the transmission of poliomyelitis by rat fleas. Funds for this investigation have been provided by Dr. M. W. Richardson.

Dr. J. H. Wright has studied an undescribed parasitic disease in rabbits, much resembling poliomyelitis, which was observed in the course of Mr. Craighead's

work. He has also worked on methods of demonstrating the microörganism of syphilis in the tissues, and on improvements in microscopical methods.

Respectfully submitted,

J. Homer Wright, M.D., S.D.
Pathologist.

THE ANNUAL REPORT OF THE ROENTGENOLOGICAL DEPARTMENT

Although we have tried to limit the work of the department this year to that which was absolutely essential, the number of new cases for the year has increased from 8,265 in 1918 to 9,256 in 1919, and the number of visits from 13,416 to 16,632, respectively. With this increase in number there has been a change in the class of work done: more cases requiring fluoroscopic studies have been examined.

The following changes have occurred in the medical staff of the department: Dr. A. S. Merrill returned from service with the American Expeditionary Forces and resumed his work as Assistant Roentgenologist. Dr. James F. Boyd resigned, accepting the position of Roentgenologist to the Shannon Hospital at Providence, R. I. Dr. Herman A. Osgood completed his appointment as house physician, and Dr. Charles L. Martin was appointed in his place. Dr. Frank W. Anderson completed his work as volunteer medical assistant, and Dr. Alexander S. MacMillan was appointed in his position. There has been no change in the non-medical staff for the year.

The regular weekly clinics for undergraduates were continued throughout the school year as in 1918. The number of men attending was considerably larger than in previous years. The amount of time and care given to the preparation of these exercises by Dr. Charles L. Martin has, I think, contributed largely to the success of this course.

During the months of October and November, from

9 to 12 A.M., seven students of the 4th year Class who selected roentgenology as elective were given instruction.

The post-graduate work in connection with the Harvard Medical School was continued throughout the year, twenty-seven physicians receiving instruction of one month or more. This is an all-day course and has been well attended.

In addition to the instruction given to physicians, seven graduate nurses received training in the technical side of the work, this course requiring full-time service for two months at least.

There have been very few changes in the equipment or arrangement of the working space of the department during the year. The bedside unit purchased late in 1918 has proved extremely convenient, especially in fracture work and in the search for foreign bodies. Its use in the surgical amphitheatre has been helpful in the reduction of fractures. An additional unit of this type has been purchased recently to take care of the natural increase in this class of work.

Investigative studies have been carried out during the year on "Supracardiac Dulness" by Dr. Charles L. Martin; "Some Experiments with Coolidge Tubes" and "Radiographic Findings in Pericarditis with Effusion" by Drs. Holmes and Martin.

An arrangement has been made with the Dermatological Department for better coöperation in the treatment of skin diseases, and this work has been assigned to Dr. C. G. Lane, who has more or less complete charge of these patients in both departments. So far this plan has worked out very satisfactorily, and there has been a marked increase in the number of patients with diseases of the skin referred for treatment.

The study and treatment of cases of hyperthyroidism has been continued, and to much better advantage than in previous years, due largely to the interest that has been shown in this work by Dr. James H. Means,

and the convenience with which we are now able to get metabolism studies done.

The statistical report of the routine work of the department will be found on page 193.

It is of interest to note in connection with this report the large increase over previous years in the number of cases examined for diseases of the chest, 1,487 in 1918 as compared with 2,933 in 1919; and in the number of cases referred for examination of the teeth and the skull, of which there were 686 in 1918 as compared with 2,054 in 1919. This increase is due in part, at least, to the desirability of making complete examinations in the search for sources of infection.

In my report last year I called attention to the necessity of making some provision for handling those cases referred to the department by members of the staff as private patients. The number has increased from 626 in 1918 to 982 in 1919, and the difficulty of properly caring for these patients is greater than ever before.

The requests for treatment are already greater than can be taken care of by the therapeutic department, and are likely to steadily increase. The necessity for more space for this department is urgent.

The plates which have accumulated in connection with the work of the department, and which are kept as valuable records, should be housed so as to be more accessible to members of the staff for study.

Respectfully submitted,

George W. Holmes,
Roentgenologist.

LIST OF STAFF PUBLICATIONS

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PHILIP C. BARTLETT, M.D.

Clinical follow-up on influenza cases. Ann. Rep., Nat'l Tuberc. Ass'n, 1919.

RICHARD C. CABOT, M.D.

Cardiac hypertrophy in pernicious anemia; note on 19 necropsies. By R. C. Cabot and Oscar Richardson. Jour. A.M.A., 1919, lxxii, 991.

Medical social service as a factor in the diagnosis and treatment of disease. Oxford Loose-Leaf Medicine, 1919, Vol. 1, Pt. 2.

Social work. Essays on the meeting ground of doctor and social worker. Houghton Mifflin Co., Boston, 1919.

DAVID L. EDSALL, M.D.

Industrial clinics in general hospitals. Modern Medicine, 1919, i, 575.

Occurrence, course and prevention of chronic manganese poisoning. Jour. Indus. Hygiene, 1919, i, 183.

REGINALD FITZ, M.D.

Comparison of medical casualties in British and American troops at a general hospital in France. By Reginald Fitz and Alice Cunningham. Amer. Jour. Med. Sc., 1919, clviii, 328.

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WILLIAM R. P. EMERSON, M.D.

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ROBERT B. GREENOUGH, M.D.

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James B. Ayer, M.D.

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CHARLES T. PORTER, M.D.

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George W. Holmes, M.D. (See also Publications by Charles L. Martin.)

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Harold W. Hersey, M.D.

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RULES FOR ADMISSION, ETC.

Applications for admission of all patients, except to Phillips House, should be made at The Moseley Memorial Building, Fruit Street, Boston, on week days between the hours of 9 A.M. and 3 P.M.

Emergencies and recent accidents admitted at all hours.

Applications from a distance should be made in writing, accompanied by a full description of the case by the attending physician, with reason of the physician for thinking hospital treatment desirable, and when a free bed is needed, by a statement of the pecuniary condition of the patient. Always wait for a reply before sending the patient.

Contagious cases are not admitted to the hospital, and only such chronic cases as can be partially relieved by temporary treatment.

Paying patients in rooms will be charged $35 per week. In the general wards the rate of board to paying patients is $17.50 per week. These rates, covering only expenses of board and lodging, may be increased or abated in individual cases by the Resident Physician.

In cases requiring gratuitous treatment no charge will be made.

An ambulance, accompanied by a medical officer, will be despatched to any point within the city proper for the conveyance of cases of accident or urgent sickness, not contagious, to this hospital, or elsewhere, upon notice from a physician, the police, or other responsible source, subject to the approval of the Resident Physician.

The Out-Patient Department is for the poor only and is open from 8.30 to 10 in the morning, Sundays and holidays excepted.

Phillips House. All inquiries concerning the admission of private patients should be made to the Resident Physician, Massachusetts General Hospital.

There is a separate entrance for this department at 265 Charles Street. Telephone service is also separate. All inquiries for private patients should be made through "Haymarket," 4490, and not through the regular hospital exchange.

Ambulance service is provided.

The private ward is for the treatment of general medical and surgical diseases and obstetrical cases. Contagious diseases, cases of alcoholism and drug habit are not admitted.

Patients in the Phillips House may be attended only by members of the staff and alumni of the hospital.

DALTON SCHOLARSHIPS

THE income of this fund, amounting to $1,000 annually, is devoted to investigation in the science of medicine. The rules of the Trustees applicable to it are as follows:

ARTICLE 1. Candidates shall be nominated to the Board of Trustees by the General Executive Committee with their recommendations. They shall be either internes of the General Hospital or male graduates of a regular American Medical College.

ARTICLE 2. The nature of the work in medical investigation proposed to be prosecuted by each candidate shall be designated by the candidate.

ARTICLE 3. The Scholarship year shall begin September 15th. Scholars shall work not less than ten hours per week, from the last Wednesday in September to the last Wednesday in June; and if a scholar performs a part only of this prescribed work, he shall be entitled to a proportionate part only of the income.

ARTICLE 4. The results of work of scholars shall appertain to the Hospital, and when made public the name of the scholar shall accompany the publication, but no publication shall be made unless approved by the General Executive Committee.

ARTICLE 5. When the income is insufficient, appointments for the year may be omitted.

ARTICLE 6. Any income not used shall be cumulative and not added to the principal.

ARTICLE 7. Scholars shall be eligible for renomination and reappointment.

Further information may be had by applying to the Resident Physician of the Massachusetts General Hospital.

WARREN TRIENNIAL PRIZE

MASSACHUSETTS GENERAL HOSPITAL

THE Warren Triennial Prize was founded by the late Dr. J. Mason Warren in memory of his father, and his will provides that the accumulated interest of the fund shall be awarded every three years to the best dissertation considered worthy of a premium, on some subject in Physiology, Surgery, or Pathological Anatomy; the arbitrators being the General Executive Committee of the Massachusetts General Hospital.

Theses submitted for competition for the year 1922 shall be on some special subject in Physiology, Surgery, or Pathology.

Dissertation must be in either the English, French, or German language, and must be typewritten and suitably bound, so as to be easily handled. Work that has been published previously will not be considered in competition. The name of the writer must be enclosed in a sealed envelope, on which must be written a motto corresponding with one on the accompanying dissertation.

Any clew given by the dissertation, or any action on the part of the writer which reveals his name before the award of the prize, will disqualify him from receiving the same.

The amount of the prize for the year 1922 will be $500.

In case no dissertation is considered sufficiently meritorious, no award will be made. Dissertations will be received until April 15, 1922.

A high value will be placed on original work.

FREDERIC A. WASHBURN,
Resident Physician.

MASSACHUSETTS GENERAL HOSPITAL

OUT-PATIENT REPORT

FOR THE YEAR ENDING DECEMBER 31, 1919

NUMBER OF NEW PATIENTS, 27,943

Men, 12,301	Women, 9,451		Children, 6,191
American,	15,729	Foreign,	12,214
Residents of Boston,	11,590	Outside of Boston,	16,353
Total attendance,	179,973	Daily average,	599+
	Male Surgical.		
No. of new patients,	3,092	No. of old patients,	14,755
	Female Surgical.		
No. of new patients,	2,867	No. of old patients,	11,234
	Male Medical.		
No. of new patients,	3,165	No. of old patients,	7,825
	Female Medical.		
No. of new patients,	3,205	No. of old patients,	8,937
	Skin.		
No. of new patients,	2,263	No. of old patients,	7,251
	Nerve.		
No. of new patients,	1,232	No. of old patients,	10,512
	Laryngological.		
No. of new patients,	3,734	No. of old patients,	12,158
	South Medical.		
No. of new patients,	1,428	No. of old patients,	25,303
	Dental.		
No. of new patients,	308	No. of old patients,	1,951
	Orthopedic.		
No. of new patients,	2,748	No. of old patients,	12,125
	Genito-Urinary.		
No. of new patients,	1,549	No. of old patients,	20,832
	Children's Clinic.		
No. of new patients,	2,307	No. of old patients,	5,475
	Massage and Baking.		
		No. of old patients,	6,491
	Tuberculin Clinic.		
		No. of old patients,	907

Anaphylaxis.

No. of new patients,	44	No. of old patients,	656

Infantile Clinic.

No. of new patients,	1	No. of old patients,	2,034

X-Ray Treatments.

		No. of old patients,	415

Electrical Treatments.

		No. of old patients,	54

Diabetic Clinic.

		No. of old patients,	1,268

Posture Clinic.

		No. of old patients,	1,131

Nutrition Clinic.

		No. of old patients,	400

Vaccine Treatments.

		No. of old patients,	232

Cardiac Clinic.

		No. of old patients,	79
Lost,	5		
Total new patients	27,943	Total old patients	152,025

EXPLANATION OF TABLES OF MEDICAL AND SURGICAL STATISTICS

The Medical and Surgical statistics appear in three tables, A, B, and C.

Table A is a table of diseases treated in both House and Out-Patient Department, and is here presented in terms of the International Classification. As this classification is the one that has been adopted by most of the civilized governments, these statistics are thus comparable with governmental reports and may be used by State and Civil Registrars for vital statistics.

Table B is the table of surgical operations, grouping disease and operations together, and is arranged according to the Sections of the Classification of Diseases in use in this hospital.

Table C is an appendix of Table B, and gives brief abstracts of operated cases resulting in death. These individual cases are referred to from Table B by footnotes.

TABLE A

REPORT OF MEDICAL AND SURGICAL DISEASES IN TERMS OF INTERNATIONAL CLASSIFICATION

		HOUSE		O. P. D.
		Discharges	Deaths	Cases Admitted
1	Typhoid fever	16	3	1
4	Malaria	2	...	5
5	Smallpox	...	...	1
6	Measles	1	...	5
7	Scarlet fever	...	...	2
8	Whooping cough	...	...	58
9	Diphtheria and croup	11	...	9
10	Influenza	160	...	15
14	Dysentery	...	...	14
17	Leprosy	1	...	2
18	Erysipelas	7	...	12
19	Other epidemic diseases	34	...	102
20	Purulent infection and septicemia	48	8	68
22	Anthrax	5	...	4
24	Tetanus	4	3	1
25	Mycoses	11	...	109
26	Pellagra	2	...	4
28	Tuberculosis of lungs	90	1	869
29	Acute miliary tuberculosis	6	1	....
30	Tuberculous meningitis	...	7	....
31	Abdominal tuberculosis	32	...	....
32	Pott's disease	33	...	44
33	White swellings	43	...	23
34	Tuberculosis of other organs	112	...	66
36	Rickets	31	...	564
37	Syphilis	348	9	2,032
38	Gonococcus infection	20	...	768
39	Malignant tumors (not otherwise specified) of buccal cavity	...	...	75
39A	Carcinoma of buccal cavity	68	2	....
39F	Sarcoma of buccal cavity	4	...	....
39K	Cylindroma	1	...	....
40	Malignant tumors (not otherwise specified) of stomach, liver, etc.	9	...	154
40A	Carcinoma of stomach, liver, etc.	105	15	....
40F	Sarcoma of stomach, liver, etc.	1	...	....

Table A — Medical and Surgical Diseases — Continued

		HOUSE		O. P. D.
		Discharges	Deaths	Cases Admitted
41	Malignant tumors (not otherwise specified) of peritoneum, intestine, rectum	1	1	17
41A	Carcinoma of peritoneum, intestine, rectum	55	16	....
41G	Mixed malignant growth of peritoneum, intestine, rectum	1	...	....
42	Malignant tumors (not otherwise specified) of female genital organs	...	...	38
42A	Carcinoma of female genital organs	47	1	....
42F	Sarcoma of female genital organs	1	...	....
42H	Hydatidiform mole	1	...	....
43A	Carcinoma of the breast	68	2	97
44	Malignant tumors (not otherwise specified) of the skin	...	...	14
44A	Carcinoma of the skin	18	...	....
44F	Sarcoma of the skin	2	...	....
45	Malignant tumors (not otherwise specified) of other organs and of organs not specified	...	...	77
45A	Carcinoma of other organs and of organs not specified	80	14	....
45B	Endothelioma of other organs and of organs not specified	3	1	....
45E	Hypernephroma of other organs and of organs not specified	8	2	....
45F	Sarcoma of other organs and of organs not specified	21	4	....
45G	Mixed malignant growth of other organs and of organs not specified	2	...	....
45J	Chordoma	2	...	....
45K	Myeloma	1	...	....
45L	Neuroblastoma	...	1	....
46	Other tumors (tumors of female genital organs excepted)	24	...	403
47	Acute articular rheumatism	35	...	23
48	Chronic rheumatism and gout	26	...	192
49	Scurvy	3	...	4
50	Diabetes	112	6	130
51	Exophthalmic goitre	31	4	60
52	Addison's disease	2	...	4
52A	Diseases of the pituitary body	3	...	....
53	Leukemia	38	5	19
54	Anemia, chlorosis	103	4	172
55	Other general diseases	56	2	236
56	Alcoholism (acute or chronic)	14	...	20

Table A — Medical and Surgical Diseases — Continued

		HOUSE		O. P. D.
		Discharges	Deaths	Cases Admitted
57	Chronic lead poisoning	9	...	22
58	Other chronic occupation poisonings	1	...	1
59	Other chronic poisonings	8	...	4
60	Encephalitis	11	3	10
61 (1)	Simple meningitis	6	3	1
61 (2)	Cerebrospinal meningitis	...	2	....
61 (3)	Cerebrospinal fever	1	...	....
62	Locomotor ataxia	33	1	113
63	Other diseases of the spinal cord	76	1	212
64	Cerebral hemorrhage, apoplexy	12	11	2
66	Paralysis without specific cause	32	...	117
67	General paralysis of the insane	6	...	23
68	Other forms of mental alienation	26	...	189
69	Epilepsy	25	...	127
70	Convulsions (non-puerperal)	...	...	2
71	Convulsions of infants (under 5 years)	9	...	....
72	Chorea	14	...	76
73A	Hysteria	23	...	....
73B	Neuralgia and neuritis	54	...	228
74	Other diseases of the nervous system	158	8	1,503
75	Diseases of the eyes and their annexa	38	...	284
76	Diseases of the ears	51	1	164
77	Pericarditis	10	2	1
78	Acute endocarditis	28	3	56
79	Organic diseases of the heart	264	27	1,157
80	Angina pectoris	23	3	29
81	Diseases of the arteries, atheroma, aneurism, etc.	199	9	428
82	Embolism and thrombosis	15	15	4
83	Diseases of the veins (varices, hemorrhoids, phlebitis, etc.)	209	...	394
84	Diseases of the lymphatic system	29	...	425
85	Hemorrhage; other diseases of the circulatory system	176	4	306
86	Diseases of the nasal fossae	143	...	2,245
87	Diseases of the larynx	25	2	198
88	Diseases of the thyroid body	59	2	155
89	Acute bronchitis	15	...	87
90	Chronic bronchitis	57	1	500
91	Bronchopneumonia	164	51	42
92	Pneumonia	72	24	32
93	Pleurisy	136	7	195
94	Pulmonary congestion, pulmonary apoplexy	10	4	1
96	Asthma	36	...	290

Table A — Medical and Surgical Diseases — Continued

		HOUSE		O. P. D.
		Discharges	Deaths	Cases Admitted
97	Pulmonary emphysema	9	...	39
98	Other diseases of the respiratory system (tuberculosis excepted)	30	6	58
99A	Diseases of the teeth and gums	98	...	....
99B	Diseases of the mouth and annexa	23	...	1,099
100	Diseases of the pharynx	528	...	3,396
101	Diseases of the esophagus	11	1	23
102	Ulcer of the stomach	54	2	98
103	Other diseases of the stomach (cancer excepted)	44	1	654
104	Diarrhea and enteritis (under 2 years)	17	1	4
105	Diarrhea and enteritis (over 2 years)	124	7	28
107	Intestinal parasites	17	...	27
108	Appendicitis and typhlitis	520	9	238
109(1)	Hernia	441	7	613
109(2)	Intestinal obstruction	23	7	....
110	Other diseases of the intestines	343	...	1,958
111	Acute yellow atrophy of liver	...	2	....
112	Hydatid tumor of liver	1	...	....
113	Cirrhosis of liver	5	...	15
114	Biliary calculi	128	5	100
115	Other diseases of the liver	108	7	175
116	Diseases of the spleen	7	...	5
117	Simple peritonitis, non-puerperal (tuberculosis excepted)	51	7	37
118	Other diseases of digestive system (cancer and tuberculosis excepted)	9	1	....
119	Acute nephritis	21	...	28
120	Bright's disease	126	20	177
121	Chyluria	2	...	1
122	Other diseases of kidney and annexa	95	9	186
123	Calculi of urinary passages	84	3	175
124	Diseases of bladder	88	...	432
125	Diseases of urethra, etc.	51	2	184
126	Diseases of prostate	53	6	325
127	Non-venereal diseases of male genital organs	76	...	317
128	Uterine hemorrhage (non-puerperal)	19	...	21
129	Uterine tumor (non-cancerous)	131	2	26
130	Other diseases of the uterus	311	...	1,169
131	Cysts and other tumors of the ovary	62	2	49
132	Salpingitis and other diseases of female genital organs	207	...	297
133	Non-puerperal diseases of breast (cancer excepted)	44	...	57
134A	Normal labor	177	...	....

Table A — Medical and Surgical Diseases — Continued

		HOUSE		O. P. D.
		Discharges	Deaths	Cases Admitted
134B	Accidents of pregnancy	63	...	295
135	Puerperal hemorrhage	9	...	3
136	Other accidents of labor	24	...	66
137	Puerperal septicemia	6	2	....
138	Puerperal albuminuria and convulsions	2	...	47
140	Following childbirth (not otherwise defined)	...	...	2
141	Puerperal diseases of the breast	1	...	19
142	Gangrene	11	2	11
143	Furuncle	33	2	339
144	Acute abscess	130	2	587
145	Other diseases of the skin, etc.	210	2	3,946
146	Diseases of bones (tuberculosis excepted)	279	...	293
147	Diseases of joints (tuberculosis and rheumatism excepted)	161	...	654
149	Other diseases of organs of locomotion	120	...	2,746
150	Congenital malformations (stillbirths not included)	...	...	256
150(1)	Hydrocephalus	2	...	....
150(2)	Congenital malformation of heart	2	1	....
150(3)	Other congenital malformations	115	2	....
151(1)	Premature birth	6	1	....
151(2)	Congenital debility	53	1	545
152(1)	Injuries at birth (not stillborn)	3	...	....
152(2)	Other causes peculiar to infancy	4	2	10
154	Senility	8	...	17
164	Poisoning by food	2	...	1
165	Other acute poisonings	11	5	45
166	Conflagration	...	...	1
167	Burns (conflagration excepted)	18	8	104
168	Absorption of deleterious gases (conflagration excepted)	...	1	....
170	Traumatism by firearms	18	1	12
171	Traumatism by cutting or piercing instruments	4	...	38
172	Traumatism by fall	140	7	675
173	Traumatism in mines and quarries	...	...	2
174	Traumatism by machines	16	...	23
175	Traumatism by other crushing (vehicles, railways, etc.)	127	11	10
176	Injuries by animals	7	...	12
177	Starvation	3	...	2
178	Excessive cold	...	...	3
182	Homicide by firearms	...	...	4

Table A — Medical and Surgical Diseases — Continued

		HOUSE		O. P. D.
		Discharges	Deaths	Cases Admitted
185	Fractures (cause not specified) . .	44	1	525
186	Other external violence	92	6	2,437
187	Ill-defined organic disease	3	. . .	15
189	Not specified, or ill-defined	101	4	2,230
	Totals, all causes	9,932	464	44,096
	Grand total, house cases . . .	10,397		
	Stillbirth		1	

TABLE B

SURGICAL OPERATIONS

FROM JANUARY 1, 1919, TO DECEMBER 31, 1919, INCLUSIVE

* Surgical Operations (All numbered footnotes refer to Table C.)	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1920	Total
SECTION I								
Infectious and General Diseases								
Abscess, deep, in nephrectomy wound								
Incision and drainage	1	....	1	1	....	....	....	1
Abscess, deep, of buttock								
Incision and drainage	1	....	1	1	....	....	....	1
Abscess, cervical								
Incision and drainage	4	7	11	10	....	....	1	11
1. Incision and drainage. 2. Secondary incision and drainage; excision of laryngeal fistula. 3. Gastrostomy for stricture of esophagus, and fistula	....	1	1	....	1	....	....	1
Abscess, popliteal								
Incision and drainage	1	....	1	1	....	....	....	1
Abscess, psoas								
Incision and drainage	2	....	2	2	....	....	....	2
Abscess, deep, of thigh								
Incision and drainage	....	2	2	2	....	....	....	2
Actinomycosis of Fallopian tube								
Salpingo-oöphorectomy	....	1	1	1	....	....	....	1
Actinomycosis of ileum								
Excision of old cicatrix and tract of sinus	....	1	1	1	....	....	....	1
Actinomycosis of ovary, and pyosalpinx								
Salpingo-oöphorectomy	....	1	1	....	1	....	....	1

* For all Tuberculosis, see Section I; for all Tumors, malignant and benign, see Section VII, except of the Nervous System, for which see Section XV.

Table B — Surgical Operations, 1919 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1920	Total
SECTION I								
Arthritis, infectious (see also Section XVI)								
Extraction of teeth	....	5	5	4	1	....	....	5
Extraction of teeth; curettage of jaw	....	1	1	1	....	....	....	1
Extraction of teeth; tonsillectomy	1	1	2	2	....	....	....	2
Extraction of teeth; tonsillectomy; excision of adenoids	....	1	1	1	....	....	....	1
Tonsillectomy	2	2	4	4	....	....	....	4
Arthritis, infectious, of hip								
Arthrodesis	1	1	2	1	....	....	1	2
Manipulation	1	....	1	1	....	....	....	1
Arthritis, infectious, of knee								
Arthrodesis	....	1	1	1	....	....	....	1
Arthrotomy and irrigation	....	1	1	1	....	....	....	1
Carbuncle of face								
Incision and drainage	1	....	1	1	....	....	....	1
Carbuncle of lip								
Incision and drainage	3	....	3	2	....	1[a]	....	3
Carbuncle of neck								
Excision; drainage	8	....	8	8	....	....	....	8
1. Excision. 2. Incision and drainage	1	....	1	1	....	....	....	1
Incision and drainage	5	....	5	4	....	1[b]	....	5
Cellulitis of arm								
Incision and drainage	1	....	1	1	....	....	....	1
Cellulitis of face								
Incision and drainage	1	....	1	1	....	....	....	1
Cellulitis of foot								
Incision and drainage	1	....	1	1	....	....	....	1
Cellulitis of hand								
Incision and drainage	3	....	3	3	....	....	....	3
Cellulitis of leg								
Incision and drainage	1	....	1	....	....	....	1	1
Cellulitis, orbital								
Killian operation; drainage	1	....	1	....	....	1[c]	....	1
Chancre of lip								
Excision; dissection of neck	1	....	1	1	....	....	....	1

a See No. 70. *b* See No. 71. *c* See No. 77.

Table B — Surgical Operations, 1919 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1920	Total
SECTION I								
Chancroid								
Cauterization	1	....	1	1	....	....	....	1
Condyloma of anus								
Excision	1	....	1	1	....	....	....	1
Diphtheria bacillus carrier								
Tonsillectomy	....	1	1	1	....	....	....	1
Endocervicitis, gonorrheal								
Cauterization	....	1	1	1	....	....	....	1
Epididymitis, gonorrheal								
Epididymotomy	1	....	1	1	....	....	....	1
Furunculosis								
Incision and drainage	2	1	3	3	....	....	....	3
Gas bacillus infection. (See also Fracture, compound, of astragalus; and of tibia and fibula. Section XVI)								
Amputation of thigh	1	....	1	....	....	1[a]	....	1
Gumma of thigh								
Incision and curettage	1	....	1	1	....	....	....	1
Lupus vulgaris								
Curettage	5	4	9	9	....	....	....	9
Curettage and cauterization	....	3	3	3	....	....	....	3
Poliomyelitis (old)								
Arthrodesis, subastragalar	....	3	3	3	....	....	....	3
Arthrodesis of hip	....	1	1	1	....	....	....	1
Astragalectomy	3	6	9	8	....	....	1	9
Astragalectomy; amputation 5th toe; fasciotomy	....	1	1	1	....	....	....	1
Astragalectomy; tenoplasty	....	1	1	1	....	....	....	1
Fasciotomy	1	1	2	2	....	....	....	2
Fasciotomy; myotomy	1	....	1	1	....	....	....	1
Fasciotomy; tenoplasty; lengthening tendo-Achilles	....	1	1	1	....	....	....	1
Lengthening tendo-Achilles	1	....	1	1	....	....	....	1
Lengthening tendo-Achilles; osteotomy of astragalus	1	....	1	1	....	....	....	1
Manipulation of knees	1	....	1	1	....	....	....	1
Osteotomy of femur	2	....	2	2	....	....	....	2

a See No. 7.

Table B — Surgical Operations, 1919 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1920	Total
SECTION I								
Poliomyelitis (old) — continued								
Osteotomy of tarsus; tenoplasty	....	1	1	1	....	....	....	1
Osteotomy of tarsus; tenotomy of tendo-Achilles	1	....	1	1	....	....	....	1
Soutter operation	3	4	7	5	....	....	2	7
Tendon fixation	....	1	1	1	....	....	....	1
Tenoplasty	5	2	7	7	....	....	....	7
Tenoplasty; tenotomy of tendo-Achilles	....	1	1	1	....	....	....	1
Pyemia (staphylococcus aureus)								
Incision and drainage of abscesses of breasts	....	1	1	1	....	....	....	1
Septic ankle								
Incision and drainage	4	....	4	1	....	1[a]	2	4
Septic knee								
Incision and drainage	....	1	1	1	....	....	....	1
Streptococcus infection of neck								
Incision and drainage	2	....	2	2	....	....	....	2
Tuberculosis of ankle								
Amputation of leg	1	....	1	1	....	....	....	1
1. Amputation of leg. 2. Incision and drainage of septic stump	1	....	1	1	....	....	....	1
Tuberculosis of appendix								
Appendectomy	....	1	1	1	....	....	....	1
Tuberculosis of breast								
Amputation of breast	....	1	1	1	....	....	....	1
Tuberculosis of colon								
Appendectomy; cecostomy	....	1	1	1	....	....	....	1
Tuberculosis of elbow								
1. Incision and drainage; sequestrectomy. 2. Ditto. 3. Incision and drainage of abscess of arm. 4. Incision and drainage. 5. Excision of joint. 6. Amputation of arm	1	....	1	1	....	....	....	1
Tuberculosis of epididymis								
Epididymo-vasectomy	10	....	10	9	....	....	1	10

a See No. 73.

Table B — Surgical Operations, 1919 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1920	Total
SECTION I								
Tuberculosis of Fallopian tube								
Salpingectomy	....	1	1	1	....	....	....	1
Salpingo-oöphorectomy	....	1	1	1	....	....	....	1
Tuberculosis of hip								
Arthrodesis	....	2	2	2	....	....	....	2
1. Arthrodesis. 2. Manipulation	....	1	1	1	....	....	....	1
Aspiration of abscess	....	1	1	1	....	....	....	1
Excision of sinuses	1	....	1	1	....	....	....	1
Incision and drainage of abscess	3	1	4	4	....	....	....	4
Tuberculosis of humerus								
Excision of head of bone	1	....	1	1	....	....	....	1
Tuberculosis of kidney								
Nephrectomy	9	4	13	13	....	....	....	13
Nephrectomy (rt.); ureterotomy (lt.)	....	1	1	....	....	1[a]	....	1
Nephro-ureterectomy	....	1	1	1	....	....	....	1
Tuberculosis of knee								
Amputation of thigh	1	....	1	....	....	1[b]	....	1
Bone grafting, endogenous	....	1	1	1	....	....	....	1
Excision of joint	5	2	7	7	....	....	....	7
1. Excision of joint. 2. Incision and drainage of abscess. 3. Amputation of thigh	1	....	1	....	....	....	1	1
Osteotomy of femur	1	....	1	1	....	....	....	1
Tuberculosis of leg								
Excision of sinuses	....	1	1	1	....	....	....	1
Tuberculosis of lymph nodes, axillary								
Excision of nodes	....	3	3	3	....	....	....	3
Tuberculosis of lymph nodes, cervical								
Excision of nodes	5	7	12	12	....	....	....	12
1. Excision of nodes. 2. Ligature of artery for postoperative hemorrhage	1	....	1	1	....	....	....	1
Incision and curettage	3	1	4	4	....	....	....	4
Incision and drainage	....	3	3	3	....	....	....	3
Tuberculosis of lymph nodes, inguinal								
Excision of nodes	1	....	1	1	....	....	....	1

a See No. 100. *b* See No. 9.

Table B — Surgical Operations, 1919 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1920	Total
SECTION I								
Tuberculosis of lymph nodes, mesenteric								
Exploratory laparotomy; excision of node for specimen	1	....	1	1	....	....	....	1
Tuberculosis of metacarpal bones								
Incision and curettage	....	1	1	1	....	....	....	1
Tuberculosis of peritoneum								
Exploratory laparotomy	5	6	11	9	2	....	....	11
1. Exploratory laparotomy. 2. Resuturing abdominal wound	....	1	1	....	....	1[a]	....	1
1. Lateral intestinal anastomosis. 2. Resuturing abdominal wound	1	....	1	1	....	....	....	1
Tuberculosis of phalanx (toe)								
Curettage	....	1	1	1	....	....	....	1
Tuberculosis of ribs								
Resection of ribs	1	....	1	1	....	....	....	1
Tuberculosis of sacro-iliac joint								
Arthrodesis	2	....	2	2	....	....	....	2
Tuberculosis of shoulder								
Aspiration	1	....	1	1	....	....	....	1
Resection of head of humerus	1	....	1	1	....	....	....	1
Tuberculosis of spine								
Bone grafting, endogenous	2	1	3	3	....	....	....	3
Bone grafting, exogenous	4	3	7	7	....	....	....	7
Tuberculosis of salivary glands								
Excision	1	1	2	2	....	....	....	2
Tuberculosis of tendon sheaths of wrist								
Incision and drainage	1	....	1	1	....	....	....	1
Tuberculosis of testicle								
Orchidectomy	1	....	1	1	....	....	....	1
Tuberculosis of thoracic wall								
Incision and drainage of abscess	....	1	1	1	....	....	....	1
Tuberculosis of tongue								
Excision of ulcer	2	....	2	2	....	....	....	2
Tuberculosis of ulna								
Resection	....	1	1	1	....	....	....	1

a See No. 92.

Table B — Surgical Operations, 1919 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1920	Total
SECTION I								
Tuberculosis of uterus								
Dilatation and curettage	....	1	1	1	....	....	....	1
Tuberculosis of vas deferens								
Epididymo-vasectomy	1	....	1	1	....	....	....	1
Tuberculosis of wrist								
Excision of carpal bones	1	....	1	1	....	....	....	1
Excision of tuberculous tumor	....	1	1	1	....	....	....	1
Tuberculous anal fistula								
Incision and drainage	1	....	1	1	....	....	....	1
Tuberculous fecal fistula								
Closure of fistula	....	1	1	1	....	....	....	1
Wound, infected, of finger								
Tenotomy of extensor tendon	1	....	1	1	....	....	....	1
SECTION II								
Diseases Due to Animal Parasites								
Echinococcus cyst of lung								
Thoracotomy; resection of rib; excision of cyst	1	....	1	1	....	....	....	1
Echinococcus cyst of ovary								
Excision	....	1	1	1	....	....	....	1
SECTION III								
Diseases of Metabolism								
Gangrene, diabetic, of foot								
Amputation of leg	....	1	1	....	....	1	....	1
1. Amputation of toe. 2. Amputation of thigh	....	1	1	1	....	....	....	1
Gangrene, diabetic, of toe								
Amputation of toe	1	....	1	1	....	....	....	1
Amputation of leg	1	....	1	....	....	....	1	1
Rickets, adolescent								
Manipulation, and application of plaster from shoulder to knee	1	....	1	....	....	....	1	1

Table B — Surgical Operations, 1919 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1920	Total
SECTION IV								
Diseases Peculiar to Infancy								
Cephalematoma								
Incision and drainage	1	....	1	1	....	....	....	1
Hemorrhagic disease of the newborn								
Transfusion	2	....	2	1	....	....	1	2
Paralysis, birth (brachial)								
Osteotomy of acromial process	1	....	1	1	....	....	....	1
SECTION VII								
Tumors, Benign and Malignant								
(See also Section XV, A, F and G)								
A. Benign Tumors								
Adeno-fibroma of breast								
Amputation of breast	....	2	2	2	....	....	....	2
Excision	....	12	12	10	....	....	2	12
Adenoma of cervix uteri								
Excision	....	1	1	1	....	....	....	1
Adenoma of palate								
Excision	....	1	1	1	....	....	....	1
Adenoma of roof of mouth								
Excision	....	1	1	1	....	....	....	1
Adenoma of thyroid gland								
Excision	....	3	3	3	....	....	....	3
Hemithyroidectomy	1	17	18	18	....	....	....	18
Adenoma of uterus								
Excision	....	1	1	1	....	....	....	1
Angioma cavernosum of lip								
1. Excision. 2. Plastic	1	....	1	1	....	....	....	1
Plastic	2	....	2	2	....	....	....	2
Cyst of Bartholin's gland								
Excision	....	1	1	1	....	....	....	1
Cyst of breast								
Excision	....	3	3	3	....	....	....	3
Cyst of broad ligament								
Excision	....	1	1	1	....	....	....	1

Table B — Surgical Operations, 1919 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1920	Total
SECTION VII								
Cyst of canal of Nuck								
Excision	....	1	1	1	....	....	....	1
Cyst of eyelid								
Excision	....	1	1	1	....	....	....	1
Cyst of groin								
Excision	....	1	1	1	....	....	....	1
Cyst of jaw								
Excision	2	....	2	2	....	....	....	2
Cyst of mesentery								
Laparotomy; excision	1	....	1	1	....	....	....	1
Cyst of neck								
Excision	....	1	1	1	....	....	....	1
Cyst of ovary								
Excision; routine appendectomy	....	2	2	2	....	....	....	2
Hysterectomy	....	1	1	1	....	....	....	1
Hysterectomy; routine appendectomy	....	1	1	1	....	....	....	1
Hysterectomy; salpingo-oöphorectomy	....	5	5	4	....	....	1	5
Oöphorectomy	....	16	16	16	....	....	....	16
Oöphorectomy; routine appendectomy	....	2	2	1	1	....	....	2
Oöphorectomy; ventral suspension	....	1	1	1	....	....	....	1
Salpingo-oöphorectomy	....	12	12	9	....	....	3	12
Salpingo-oöphorectomy; routine appendectomy	....	5	5	4	....	....	1	5
Cyst, parovarian								
Excision	....	1	1	1	....	....	....	1
Cyst, pilo-nidal								
Excision	1	....	1	1	....	....	....	1
Cyst, recto-vaginal								
Excision	....	1	1	1	....	....	....	1
Cyst, retropharyngeal								
Incision and drainage	....	1	1	1	....	....	....	1
Incision and drainage; routine appendectomy	....	1	1	1	....	....	....	1
Cyst of thyroid gland								
Enucleation	....	1	1	1	....	....	....	1

Table B — Surgical Operations, 1919 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1920	Total
SECTION VII								
Cyst of thyroid gland — continued								
Hemithyroidectomy	....	1	1	1	....	....	....	1
Cyst of vaginal wall								
Dilatation and curettage; application of radium	....	1	1	1	....	....	....	1
Excision	....	3	3	3	....	....	....	3
Cyst, congenital, of testicle								
Orchidectomy	1	....	1	1	....	....	....	1
Cyst, dentigerous, of antrum								
Radical antrum operation	1	....	1	1	....	....	....	1
Cyst, dermoid, of back								
Excision	1	....	1	1	....	....	....	1
Cyst, dermoid, of neck								
Excision	1	1	2	2	....	....	....	2
Cyst, dermoid, of uterus								
Hysterectomy; routine appendectomy	....	1	1	1	....	....	....	1
Cyst-adenoma of breast								
Amputation of breast	....	1	1	1	....	....	....	1
Cyst-adenoma of ovary								
Exploratory laparotomy; evacuation of cyst	....	1	1	1	....	....	....	1
Salpingo-oöphorectomy	....	1	1	1	....	....	....	1
Salpingo-oöphorectomy; routine appendectomy	....	1	1	1	....	....	....	1
Cyst-adenoma of thyroid gland								
Hemithyroidectomy	1	....	1	1	....	....	....	1
Cystic kidney								
Exploratory laparotomy with drainage of kidney	1	....	1	1	....	....	....	1
Epithelioma of nose								
Curettage	....	1	1	1	....	....	....	1
Epulis								
Excision	....	2	2	2	....	....	....	2
Fibroma of breast								
Excision	....	2	2	2	....	....	....	2
Fibroma of broad ligament								
Excision	....	1	1	1	....	....	....	1

Table B — Surgical Operations, 1919 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1920	Total
SECTION VII								
Fibroma of jaw								
Excision	....	1	1	1	....	....	....	1
Fibroma of ovary								
Oöphorectomy	....	1	1	....	....	1	....	1
Salpingo-oöphorectomy	....	2	2	2	....	....	....	2
Fibromyoma of uterus								
Dilatation and curettage	....	1	1	1	....	....	....	1
Dilatation and curettage; application of radium	....	3	3	3	....	....	....	3
Hysterectomy (abdominal)	....	21	21	19	....	2[a]	....	21
Hysterectomy (vaginal)	....	1	1	1	....	....	....	1
Hysterectomy; oöphorectomy	....	4	4	4	....	....	....	4
Hysterectomy; routine appendectomy	....	9	9	9	....	....	....	9
Hysterectomy; salpingectomy; routine appendectomy	....	1	1	1	....	....	....	1
Hysterectomy; salpingo-oöphorectomy	....	16	16	15	....	1[b]	....	16
Hysterectomy; salpingo-oöphorectomy; routine appendectomy	....	3	3	3	....	....	....	3
Myomectomy	....	15	15	14	....	....	1	15
Myomectomy; routine appendectomy	....	2	2	2	....	....	....	2
Panhysterectomy	....	1	1	1	....	....	....	1
Panhysterectomy; salpingo-oöphorectomy; routine appendectomy	....	1	1	1	....	....	....	1
Fibromyoma of uterus and ovarian cysts								
Hysterectomy; salpingo-oöphorectomy	....	4	4	3	....	....	1	4
Fibromyoma of uterus with pregnancy								
Exploratory laparotomy	....	1	1	....	1	....	....	1
Hemangioma of scalp and wrist								
Ligation of ulnar and temporal arteries	1	....	1	1	....	....	....	1
Keloid of face and neck								
Excision	1	....	1	1	....	....	....	1

a See Nos. 66, 67. b See No. 68.

Table B — Surgical Operations, 1919 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1920	Total
SECTION VII								
Lymphangioma of neck								
Excision	....	1	1	1	....	....	....	1
Lipoma of arm								
Excision	1	....	1	1	....	....	....	1
Lipoma of axilla								
Excision	....	1	1	1	....	....	....	1
Lipoma of back								
Excision	1	1	2	2	....	....	....	2
Lipoma of ear								
Excision	1	....	1	1	....	....	....	1
Lipoma of face								
Excision	1	....	1	1	....	....	....	1
Lipoma of peritoneum								
Excision	....	1	1	1	....	....	....	1
Lipoma of shoulder								
Excision	....	2	2	2	....	....	....	2
Lipoma of thoracic wall								
Excision	1	....	1	....	....	....	1	1
Melanoma of face								
Excision	....	1	1	1	....	....	....	1
Mixed non-malignant tumor of parotid gland								
Excision	1	2	3	3	....	....	....	3
Mucocele of lip								
Excision	....	1	1	1	....	....	....	1
Myoma of prostate								
1. Suprapubic cystotomy. 2. Suprapubic prostatectomy	1	....	1	1	....	....	....	1
Myoma of uterus								
Dilatation and curettage	....	1	1	1	....	....	....	1
Hysterectomy	....	1	1	1	....	....	....	1
Myomectomy	....	1	1	1	....	....	....	1
Myxofibroma of toe								
Partial amputation	1	....	1	1	....	....	....	1
Osteochondroma of astragalus								
Excision	1	....	1	1	....	....	....	1

Table B — Surgical Operations, 1919 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1920	Total
SECTION VII								
Osteochondroma of 5th metacarpal bone								
Amputation of little finger; removal of bone	1	....	1	1	....	....	....	1
Osteoma of femur								
Excision	....	1	1	1	....	....	....	1
Osteoma of skull								
Excision	1	....	1	1	....	....	....	1
Papilloma of anus								
Excision	1	....	1	1	....	....	....	1
Papilloma of bladder								
Fulguration	1	....	1	1	....	....	....	1
Suprapubic cystostomy	1	....	1	1	....	....	....	1
Suprapubic cystotomy; cauterization	1	1	2	2	....	....	....	2
Papilloma of foot								
Excision	....	1	1	1	....	....	....	1
Papilloma of larynx								
Excision	1	3	4	4	....	....	....	4
Laryngoscopy	....	1	1	....	1	....	....	1
Tracheotomy	....	2	2	2	....	....	....	2
Papilloma of lip								
Excision; dissection of neck	1	....	1	1	....	....	....	1
Polyp of antrum								
Curettage	1	....	1	1	....	....	....	1
Polyp, nasal								
Excision	....	2	2	2	....	....	....	2
Polyp of rectum								
Excision	1	....	1	1	....	....	....	1
Polyp, uterine								
Amputation of cervix uteri	....	1	1	1	....	....	....	1
Curettage	....	7	7	7	....	....	....	7
Curettage and cauterization	....	2	2	2	....	....	....	2
Excision	....	8	8	8	....	....	....	8
Teratoma of ovary								
Hysterectomy; salpingo-oöphorectomy	....	1	1	1	....	....	....	1
Teratoma of testicle								
Orchidectomy	2	....	2	2	....	....	....	2

Table B — Surgical Operations, 1919 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1920	Total
SECTION VII								
Tumor (unspecified) of bladder								
Suprapubic cystotomy; cauterization	....	1	1	....	....	....	1	1
Tumor (unspecified) of common duct								
Choledochoduodenostomy	1	....	1	....	....	1[a]	....	1
Tumor (unspecified) of epididymis								
Excision	1	....	1	1	....	....	....	1
Tumor (unspecified) of eyelid								
Excision	1	....	1	1	....	....	....	1
Tumor (unspecified) of intestine								
Anastomosis, lateral	....	1	1	1	....	....	....	1
Tumor (unspecified), retroperitoneal								
Exploratory laparotomy	1	....	1	1	....	....	....	1
Wen of buttock								
Excision	1	....	1	1	....	....	....	1
Wen of face								
Excision	1	....	1	1	....	....	....	1
Wen of knee								
Excision	1	....	1	1	....	....	....	1
Wen of neck								
Excision	1	....	1	1	....	....	....	1
Wen of perineum								
Excision	1	....	1	1	....	....	....	1
Wen of scalp								
Excision	....	2	2	2	....	....	....	2
B. Malignant Tumors								
Carcinoma, general, of abdomen								
Exploratory laparotomy	1	1	2	....	1	1[b]	....	2
Carcinoma of antrum								
Excision of specimen	1	....	1	....	1	....	....	1
Carcinoma of appendix								
Appendectomy	1	....	1	1	....	....	....	1
Carcinoma of back								
Excision	1	....	1	1	....	....	....	1
Carcinoma of bladder								
Cystostomy	1	1	2	1	....	1[c]	....	2
Cystostomy; cauterization	2	....	2	1	....	1[d]	....	2

a See No. 25. *b* See No. 80. *c* See No. 43. *d* See No. 45.

Table B — Surgical Operations, 1919 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1920	Total
SECTION VII								
Carcinoma of bladder — continued								
Cystotomy; excision of growth	1	....	1	1	....	....	....	1
1. Cystotomy; excision of specimen. 2. Bilateral ureterostomy	1	....	1	....	....	....	1	1
Carcinoma of breast								
Amputation of breast	....	3	3	3	....	....	....	3
Amputation of breast with dissection of axilla	....	51	51	48	....	2[a]	1	51
Excision; cauterization	....	1	1	....	....	....	1	1
Carcinoma of breast, recurrent								
Excision	....	4	4	3	....	....	1	4
Excision and dissection of axilla	....	1	1	1	....	....	....	1
Carcinoma of cervix uteri								
Cauterization	....	4	4	3	1	....	....	4
Curettage	....	3	3	1	2	....	....	3
1. Dilatation and curettage. 2. Cauterization; exploratory laparotomy	....	1	1	....	1	....	....	1
Dilatation and curettage; application of radium	....	1	1	1	....	....	....	1
Dilatation and curettage; trachelorrhaphy	....	1	1	1	....	....	....	1
Ligation of internal iliac and ovarian arteries; cauterization	....	1	1	1	....	....	....	1
Panhysterectomy	....	7	7	7	....	....	....	7
Carcinoma of cheek								
Curettage	1	....	1	....	1	....	....	1
Excision and curettage	1	1	2	2	....	....	....	2
Excision; dissection of neck	3	....	3	3	....	....	....	3
Extraction of teeth; cauterization	1	....	1	1	....	....	....	1
Carcinoma of ear								
Curettage of petrous portion of temporal bone	....	1	1	1	....	....	....	1
Excision	....	1	1	1	....	....	....	1
Carcinoma of esophagus								
Esophagoscopy; excision of specimen	14	4	18	2	14	2[b]	....	18
Gastrostomy	5	2	7	3	2	2[c]	....	7

a See Nos. 1, 2. *b* See Nos. 49, 50. *c* See Nos. 64, 65.

Table B — Surgical Operations, 1919 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1920	Total
SECTION VII								
Carcinoma of face								
Curettage	1	....	1	1	....	....	....	1
Excision	1	1	2	2	....	....	....	2
Carcinoma, metastatic, of femur								
Amputation of thigh	1	....	1	....	....	....	1	1
Carcinoma, x-ray, of finger								
Excision	1	....	1	1	....	....	....	1
Carcinoma of forearm (at wrist)								
Excision; dissection of epitrochlear and axillary lymph nodes	1	....	1	1	....	....	....	1
Carcinoma of gall bladder								
Cholecystostomy	1	....	1	....	....	1[a]	....	1
Exploratory laparotomy	....	1	1	....	1	....	....	1
Carcinoma of hand								
Excision	1	....	1	1	....	....	....	1
Excision; dissection of axilla	2	....	2	2	....	....	....	2
Excision; amputation of 1st finger; excision of epitrochlear gland; dissection of axilla	1	....	1	1	....	....	....	1
Carcinoma, x-ray, of hand								
Excision	2	....	2	2	....	....	....	2
Carcinoma of ilium								
Exploratory	1	....	1	1	....	....	....	1
Carcinoma of intestine								
Anastomosis, end-to-end	1	....	1	....	1	....	....	1
1. Anastomosis, end-to-side. 2. Resection of intestine	....	1	1	1	....	....	....	1
Anastomosis, lateral	2	3	5	4	....	1[b]	....	5
Colectomy	1	....	1	1	....	....	....	1
Colostomy	....	1	1	1	....	....	....	1
1. Colostomy. 2. Resection of sigmoid	....	1	1	1	....	....	....	1
Exploratory laparotomy	1	2	3	2	1	....	....	3
1. Exploratory laparotomy; cecostomy. 2. Resection of splenic flexure	1	....	1	....	....	1[c]	....	1
Exploratory laparotomy; colostomy	1	1	2	....	....	2[d]	....	2

a See No. 24 *b* See No. 10 *c* See No. 123 *d* See Nos. 94, 95

Table B — Surgical Operations, 1919 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1920	Total
SECTION VII								
Carcinoma of intestine — continued								
Exploratory laparotomy; lateral anastomosis	1	....	1	....	....	1	....	1
Ileostomy	....	1	1	....	....	1	....	1
Resection	....	1	1	....	....	1	....	1
Resection; colostomy	1	....	1	1	....	....	....	1
Resection; end-to-end anastomosis	1	....	1	....	....	1	....	1
Resection; end-to-side anastomosis	1	1	2	....	....	1	1	2
Carcinoma of jaw								
Excision of jaw; dissection of neck	1	....	1	....	....	1[a]	....	1
Resection of jaw; dissection of neck	2	1	3	2	....	1[b]	....	3
1. Resection of jaw. 2. Dissection of neck for metastasis	1	....	1	1	....	....	....	1
Carcinoma of kidney								
Exploratory laparotomy	....	1	1	1	....	....	....	1
Carcinoma of larynx								
Laryngoscopy; excision of specimen	1	1	2	1	1	....	....	2
Thyrotomy	2	....	2	2	....	....	....	2
Thyrotomy; excision of growth; tracheotomy	1	....	1	1	....	....	....	1
Tracheotomy	1	1	2	1	....	1[c]	....	2
Tracheotomy; excision of growth	....	1	1	1	....	....	....	1
Tracheotomy; laryngectomy	1	....	1	....	1	....	....	1
Carcinoma of leg								
Excision	1	....	1	1	....	....	....	1
Carcinoma of lip								
Excision	2	....	2	2	....	....	....	2
Excision; dissection of neck	22	....	22	22	....	....	....	22
Carcinoma of liver								
Exploratory laparotomy	....	1	1	....	1	....	....	1
Carcinoma of lymph nodes, cervical								
Excision of nodes	8	....	8	7	....	....	1	8
Carcinoma of lymph nodes, inguinal								
Excision of nodes	1	1	2	2	....	....	....	2
Excision of nodes; exploratory laparotomy	1	....	1	1	....	....	....	1

a See No. 51. *b* See No. 48. *c* See No. 140.

Table B — Surgical Operations, 1919 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1920	Total
SECTION VII								
Carcinoma of lymph nodes, inguinal; and of pelvis								
Exploratory laparotomy	....	1	1	....	1	....	....	1
Carcinoma of mouth								
Excision of floor of mouth and base of tongue	1	....	1	1	....	....	....	1
Carcinoma of nose								
Cauterization	....	1	1	1	....	....	....	1
Curettage	1	....	1	1	....	....	....	1
Excision	3	1	4	4	....	....	....	4
Carcinoma of ovary								
Exploratory laparotomy; excision of specimen	....	1	1	....	1	....	....	1
Hysterectomy; salpingo-oöphorectomy	....	2	2	2	....	....	....	2
Laparotomy; drainage of tumor	....	1	1	....	1	....	....	1
Oöphorectomy	....	1	1	1	....	....	....	1
Salpingo-oöphorectomy	....	2	2	1	....	1[a]	....	2
Carcinoma of pancreas								
Cholecystectomy; choledochostomy	1	....	1	....	....	1[b]	....	1
Cholecysto-enterostomy	2	....	2	1	....	1[c]	....	2
Exploratory laparotomy	2	....	2	....	1	1[d]	....	2
Carcinoma of parotid gland								
Excision	....	1	1	1	....	....	....	1
Carcinoma of penis								
Amputation of penis	1	....	1	1	....	....	....	1
Amputation of penis; dissection of groin	2	....	2	2	....	....	....	2
Dissection of groins; amputation of penis; implantation of urethra in perineum	2	....	2	1	....	1[e]	....	2
Carcinoma of prepuce								
Circumcision; dissection of groins	1	....	1	1	....	....	....	1
Carcinoma of prostate								
1. Cystostomy. 2. Suprapubic prostatectomy	2	....	2	2	....	....	....	2
Exploratory laparotomy; cystotomy	1	....	1	....	....	1[f]	....	1

a See No. 129. *b* See No. 18. *c* See No. 23.
d See No. 81. *e* See No. 5. *f* See No. 96.

Table B — Surgical Operations, 1919 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1920	Total
SECTION VII								
Carcinoma of prostate — continued								
Prostatectomy, perineal	1	....	1	....	....	1	....	1
Prostatectomy, suprapubic	2	....	2	2	....	....	....	2
Carcinoma of rectum								
Colostomy	7	3	10	5	2	1[a]	2	10
Combined operation, 1st stage	1	1	2	1	....	1[b]	....	2
1. Combined operation, 1st stage. 2. Freeing adhesions; ileostomy. 3. Combined operation, 2d stage	1	....	1	....	....	1[c]	....	1
1. Combined operation, 1st stage. 2. 2d stage	7	....	7	6	....	1[d]	....	7
Combined operation, 2d stage	1	....	1	....	....	1[e]	....	1
Dilatation of sphincter; partial excision of growth	1	....	1	....	1	....	....	1
Excision of growth; cauterization	....	1	1	1	....	....	....	1
Excision of rectum	3	....	3	1	....	2[f]	....	3
Excision of rectum; plastic	....	1	1	....	....	....	1	1
Exploratory laparotomy	1	1	2	....	2	....	....	2
1. Exploratory laparotomy. 2. Colostomy. 3. Excision of rectum	....	1	1	1	....	....	....	1
Carcinoma of scrotum								
Excision; dissection of groin	1	....	1	1	....	....	....	1
Carcinoma of stomach								
Exploratory laparotomy	13	7	20	2	15	3[g]	....	20
Gastrectomy (partial); gastro-enterostomy	5	1	6	5	....	1[h]	....	6
Gastro-enterostomy	13	1	14	7	2	4[i]	1	14
1. Gastro-enterostomy. 2. Partial gastrectomy	1	....	1	1	....	....	....	1
1. Gastro-enterostomy. 2. Resuture of wound of operation	2	....	2	1	....	1[j]	....	2
Pylorectomy; gastro-enterostomy	5	1	6	4	....	1[k]	1	6
Carcinoma of thyroid gland								
Cauterization	....	1	1	1	....	....	....	1
Hemithyroidectomy	....	1	1	1	....	....	....	1

a See No. 26. *b* See No. 28. *c* See No. 27. *d* See No. 29. *e* See No. 30. *f* See No. 53. *g* See Nos. 82, 83, 84. *h* See No. 57. *i* See Nos. 59, 60, 61. *j* See No. 58. *k* See No. 109.

Table B — Surgical Operations, 1919 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1920	Total
SECTION VII								
Carcinoma of tongue								
1. Dissection of neck. 2. Partial excision of tongue	2	....	2	2	....	....	....	2
Excision of growth; cauterization	1	....	1	1	....	....	....	1
Excision base of tongue; cauterization	1	....	1	1	....	....	....	1
Partial excision of tongue	1	....	1	1	....	....	....	1
Partial excision of tongue; dissection of neck	2	....	2	2	....	....	....	2
Secondary operation; removing bone plate from jaw	1	....	1	1	....	....	....	1
Carcinoma of tonsil								
Radical operation	1	....	1	1	....	....	....	1
Carcinoma of umbilicus								
Excision; and excision of inguinal lymph node	1	....	1	....	....	....	1	1
Carcinoma of urethra								
Excision of specimen; suprapubic cystostomy	1	....	1	....	....	1[a]	....	1
Carcinoma of uterus								
Curettage; application of radium	....	1	1	1	....	....	....	1
Hysterectomy	....	2	2	2	....	....	....	2
1. Hysterectomy. 2. Amputation of cervix	....	1	1	1	....	....	....	1
Hysterectomy; salpingo-oöphorectomy	....	2	2	2	....	....	....	2
Carcinoma and fibromyoma of uterus								
Hysterectomy	....	1	1	1	....	....	....	1
Carcinoma of vaginal wall								
Excision	....	1	1	1	....	....	....	1
Excision; dissection of groin	....	1	1	1	....	....	....	1
Chordoma of coccyx								
Excision	....	1	1	1	....	....	....	1
Chordoma of skull (base)								
Excision	....	1	1	1	....	....	....	1
Cylindroma of submaxillary gland								
Excision	....	1	1	1	....	....	....	1

a See No. 54.

Table B — Surgical Operations, 1919 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1920	Total
SECTION VII								
Endothelioma of thigh								
Excision	1	....	1	....	1	....	....	1
Fibrosarcoma of leg								
Amputation of thigh	1	....	1	1	....	....	....	1
Fibrosarcoma of spinal cord								
Laminectomy	1	....	1	1	....	....	....	1
Fibrosarcoma of thigh								
Excision	1	....	1	1	....	....	....	1
Hemangio-endothelioma of intestine								
Resection with end-to-end anastomosis	1	....	1	1	....	....	....	1
Hydatid mole								
Dilatation and curettage of uterus	....	1	1	1	....	....	....	1
Hypernephroma of kidney								
Exploratory laparotomy	....	1	1	....	....	1	....	1
Lymphoma, malignant, of abdomen								
Exploratory laparotomy; excision of specimen	1	....	1	1	....	....	....	1
Lymphoma, malignant, of cecum								
Resection, with end-to-end anastomosis	1	....	1	....	1	....	....	1
Lymphoma, malignant, of cervical lymph nodes								
Excision of nodes	1	1	2	2	....	....	....	2
Incision and drainage	1	....	1	1	....	....	....	1
Lymphoma, malignant, of inguinal lymph nodes								
Excision of nodes	2	1	3	3	....	....	....	3
Lymphoma, malignant, of nasopharynx								
Excision	....	1	1	1	....	....	....	1
Lymphoma, malignant, of pancreas								
Exploratory laparotomy; excision of specimen	1	....	1	....	1	....	....	1
Lymphoma, malignant, of retroperitoneal lymph nodes								
Exploratory laparotomy	1	....	1	....	1	....	....	1

Table B — Surgical Operations, 1919 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1920	Total
SECTION VII								
Mixed malignant tumor of parotid gland								
Excision	1	....	1	1	....	....	....	1
Myeloma, multiple								
1. Excision of inguinal lymph node, for diagnosis. 2. Amputation of thigh	1	....	1	1	....	....	....	1
Osteosarcoma of groin								
Dissection of groin and removal of saphenous vein	1	....	1	1	....	....	....	1
Sarcoma of abdomen								
Exploratory laparotomy	1	....	1	....	1	....	....	1
Sarcoma of antrum								
Radical antrum operation	....	1	1	....	....	1[a]	....	1
Sarcoma of femur								
Amputation of thigh	1	....	1	1	....	....	....	1
Sarcoma of kidney								
Exploratory laparotomy	1	....	1	....	....	1[b]	....	1
Sarcoma of leg								
Amputation of thigh	....	1	1	1	....	....	....	1
Excision	....	1	1	1	....	....	....	1
Sarcoma of parotid gland								
Excision	3	....	3	2	1	....	....	3
Sarcoma of testicle								
Orchidectomy	2	....	2	2	....	....	....	2
Sarcoma of uterus								
Panhysterectomy; routine appendectomy	....	1	1	1	....	....	....	1
Sarcoma, giant-cell, of jaw								
Excision	1	....	1	1	....	....	....	1
Sarcoma and neurofibromata of thigh								
Excision	....	1	1	1	....	....	....	1
SECTION VIII								
Congenital Malformations								
Branchial cyst								
Excision	2	....	2	2	....	....	....	2

a See No. 111. *b* See No. 91.

Table B — Surgical Operations, 1919 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1920	Total
SECTION VIII								
Claw-foot								
Excision heads of metatarsals, and tenotomies	....	1	1	1	....	....	....	1
1. Excision heads of metatarsals and proximal end of 1st phalanx (rt.). 2. Excision proximal end of 1st phalanx (lt.). 3. Tenotomy of tendo-Achilles	1	....	1	....	....	....	1	1
Cleft palate								
Staphylorrhaphy	7	....	7	5	2	....	....	7
Deformity, congenital, of toe								
Tenoplasty	....	1	1	1	....	....	....	1
Dislocation, congenital, of elbow								
Excision head of radius	....	1	1	1	....	....	....	1
Dislocation, congenital, of hip								
Closed reduction	2	9	11	10	1	....	....	11
Harelip								
Plastic	4	1	5	5	....	....	....	5
Hypospadias								
Plastic	3	....	3	2	1	....	....	3
Imperforate anus								
Plastic	....	1	1	1	....	....	....	1
Imperforate hymen								
Incision; drainage of hematocolpos	....	1	1	1	....	....	....	1
Malformation of foot								
Amputation of toe	1	....	1	1	....	....	....	1
Malposition of sacrum								
Correction	1	....	1	1	....	....	....	1
Malposition of toe								
Amputation	1	....	1	1	....	....	....	1
Meningocele								
Excision	....	1	1	....	1	....	....	1
Meningomyelocele								
Excision	....	1	1	....	1[a]	....	....	1
Persistent thyro-glossal duct								
Excision	1	2	3	3	....	....	....	3
Pilo-nidal sinus								
Excision	3	1	4	4	....	....	....	4

a See No. 52.

Table B — Surgical Operations, 1919 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1920	Total
SECTION VIII								
Pilo-nidal sinus — continued								
1. Excision. 2. Incision and drainage of accessory pilo-nidal sinus	1	....	1	1	....	....	....	1
Pyloric stenosis, congenital								
Gastro-enterostomy	....	1	1	1	....	....	....	1
Pylorotomy	7	....	7	6	....	....	1	7
Supernumerary toe								
Amputation	1	....	1	1	....	....	....	1
Talipes equino-varus								
Fasciotomy; lengthening of tendo-Achilles	2	1	3	3	....	....	....	3
Manipulation; tenotomies	....	2	2	2	....	....	....	2
Ober operation	1	....	1	1	....	....	....	1
Osteotomy of medio-tarsal joint; lengthening tendo-Achilles	1	....	1	1	....	....	....	1
Undescended testicle								
Orchidectomy (See also Hernia, inguinal, with undescended testicle; Section XXVII.)	1	....	1	1	....	....	....	1
Orchidopexy (See also Hernia, inguinal, with undescended testicle; Section XXVII.)	1	....	1	....	....	....	1	1
SECTION IX								
General Injuries and Diseases of the Skin and Subcutaneous Tissue								
Abscess of abdominal wall								
Incision and drainage	2	....	2	2	....	....	....	2
Abscess of arm								
Incision and drainage	1	1	2	2	....	....	....	2
Abscess, axillary								
Incision and drainage	2	....	2	2	....	....	....	2
Abscess of back								
Incision and drainage	1	....	1	1	....	....	....	1
Abscess of hand								
Incision and drainage	1	....	1	1	....	....	....	1
Abscess, inguinal								
Incision and drainage	....	1	1	1	....	....	....	1

Table B — Surgical Operations, 1919 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1920	Total
SECTION IX								
Abscess, occipital								
Incision and drainage	1	....	1	1	....	....	....	1
Abscess, perineal								
Incision and drainage	2	....	2	2	....	....	....	2
Abscess, submental								
Incision and drainage	1	....	1	1	....	....	....	1
Abscess of thigh (superficial)								
Incision and drainage	1	....	1	1	....	....	....	1
Abscess, umbilical								
Incision and drainage	1	....	1	1	....	....	....	1
Avulsion of scalp								
Skin grafting	....	1	1	....	....	....	1	1
Crush of arm								
Amputation	1	....	1	1	....	....	....	1
Secondary suture of stump	1	....	1	1	....	....	....	1
Crush of foot								
Amputation of foot	1	....	1	1	....	....	....	1
1. Amputation of foot. 2. Plastic on stump	1	....	1	....	....	....	1	1
Amputation of leg	1	....	1	1	....	....	....	1
Débridement	1	....	1	1	....	....	....	1
Crush of hand								
Amputation of fingers	1	....	1	1	....	....	....	1
Débridement	2	....	2	1	....	....	1	2
Crush of toe								
Amputation	1	....	1	1	....	....	....	1
Foreign body in arm								
Removal	3	....	3	3	....	....	....	3
Foreign body in foot								
Removal	2	....	2	2	....	....	....	2
Foreign body in knee								
Removal	2	....	2	2	....	....	....	2
Foreign body in leg								
Removal	1	....	1	1	....	....	....	1
Foreign body in thigh								
Removal	....	1	1	1	....	....	....	1
Gangrene of finger								
Amputation	1	1	2	2	....	....	....	2

Table B — Surgical Operations, 1919 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1920	Total
SECTION IX								
Gangrene of finger — continued								
1. Amputation of 3 fingers (rt.). 2. Amputation of forearm (rt.), and 1 finger (lt.)	....	1	1	....	....	1[a]	....	1
Gangrene of leg								
Amputation	....	1	1	1	....	....	....	1
Gangrene, carbolic, of toe								
Amputation	1	....	1	....	....	....	1	1
Hematoma, traumatic, of buttock								
1. Incision and packing. 2. Removal of packing for hemorrhage. 3. Transfusion. 4. Ligation of rt. internal iliac artery for traumatic aneurism	1	....	1	1	....	....	....	1
Hematoma, traumatic, of leg								
Incision and drainage	....	1	1	1	....	....	....	1
Ingrowing toe-nail								
Excision of nail	1	1	2	2	....	....	....	2
Septic arm								
Incision and drainage	1	1	2	2	....	....	....	2
Septic finger								
Amputation	1	....	1	1	....	....	....	1
Incision and drainage	....	1	1	1	....	....	....	1
Septic hand								
Incision and drainage	10	4	14	10	1	1[b]	2	14
1. Incision and drainage. 2. Amputation of finger	1	....	1	1	....	....	....	1
1. Incision and drainage. 2. Packing wound for hemorrhage. 3. Amputation of forearm	1	....	1	1	....	....	....	1
1. Incision and drainage (4 times). 2. Partial amputation of finger. 3. Re-amputation of finger	1	....	1	1	....	....	....	1
Septic leg								
Incision and drainage	1	....	1	....	1	....	....	1
Sinus, urethral								
Closure	1	....	1	1	....	....	....	1

a See No. 3. *b* See No. 74.

Table B — Surgical Operations, 1919 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1920	Total
SECTION IX								
Ulcer of hand								
Curettage	....	1	1	1	....	....	....	1
Wound, granulating, of heel								
Curettage	1	....	1	1	....	....	....	1
Wound, lacerated, of face								
Repair	1	....	1	1	....	....	....	1
SECTION X								
Special Skin Diseases								
Cicatrix, painful, of groin								
Excision	1	....	1	1	....	....	....	1
Dermatitis actinica (abdominal wall)								
Excision of x-ray burned area	....	1	1	1	....	....	....	1
Dermatitis actinica (face)								
Excision of radium burned area	1	....	1	1	....	....	....	1
Dermatitis actinica (hand)								
Excision of x-ray keratoses	1	....	1	1	....	....	....	1
Nevus pigmentosus								
Excision	....	2	2	2	....	....	....	2
Xanthoma of eyelids	1	....	1	1	....	....	....	1
SECTION XI								
Diseases of the Circulatory System								
Endarteritis obliterans								
Amputation of foot	1	....	1	....	....	....	1	1
1. Amputation of foot. 2. Amputation of thigh	1	....	1	1	....	....	....	1
Amputation of leg	2	....	2	2	....	....	....	2
Endocarditis, acute								
Transfusion	1	....	1	....	1	....	....	1
Gangrene, senile								
Amputation of thigh	1	....	1	1	....	....	....	1

Table B — Surgical Operations, 1919 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1920	Total
SECTION XI								
Hemorrhage, traumatic, of femoral artery								
Ligation of artery	1	....	1	....	....	1	....	1
Thrombo-angeitis obliterans								
Amputation of toe	2	....	2	2	....	....	....	2
Thrombosis of popliteal and posterior tibial arteries with gangrene of leg								
Amputation of thigh	1	....	1	....	....	1[a]	....	1
Varicose veins of leg								
Excision of varicosities	17	10	27	23	....	....	4	27
SECTION XII								
Diseases of the Lymphatic System								
Adenitis, cervical								
Excision of lymph node	1	1	2	1	....	....	1	2
Incision and drainage	....	1	1	1	....	....	....	1
(Diagnosis)								
Excision of axillary lymph node	3	....	3	....	3	....	....	3
Excision of cervical lymph node	2	4	6	2	3	....	1	6
Excision of inguinal lymph node	1	....	1	1	....	....	....	1
Lymphadenitis, retroperitoneal								
Exploratory laparotomy; routine appendectomy	1	....	1	1	....	....	....	1
SECTION XIII								
Diseases of the Blood								
Anemia, pernicious								
Transfusion	9	8	17	14	1	2[b]	....	17
Anemia, secondary								
Transfusion	3	3	6	4	1	1[c]	....	6
Purpura hemorrhagica								
Transfusion	2	1	3	2	....	1	....	3

a See No. 8. *b* See No. 141. *c* See No. 142

Table B — Surgical Operations, 1919 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1920	Total
SECTION XIV								
Diseases of the Ductless Glands								
Banti's disease								
Splenectomy	3	1	4	1	1	2[a]	....	4
Goitre, colloid								
Hemithyroidectomy	....	1	1	1	....	....	....	1
Goitre, exophthalmic								
Hemithyroidectomy	1	4	5	4	....	1	....	5
Ligation of superior thyroid arteries	2	9	11	10	....	1[b]	....	11
1. Ligation of superior thyroid arteries. 2. Subtotal thyroidectomy	....	2	2	2	....	....	....	2
Subtotal thyroidectomy	....	4	4	3	....	1[c]	....	4
Hyperthyroidism								
Hemithyroidectomy	....	1	1	1	....	....	....	1
Ligation of superior thyroid arteries	1	....	1	1	....	....	....	1
Thyrotoxicosis								
Hemithyroidectomy	1	....	1	1	....	....	....	1
Tumor (uncertified) of pituitary gland								
Osteoplastic craniotomy; excision of tumor	1	....	1	1	....	....	....	1
SECTION XV								
Diseases of the Nervous System								
A. Brain								
Abscess of brain								
Craniotomy with decompression; exploration of cerebrum	1	....	1	....	....	1[d]	....	1
Exploratory puncture	1	....	1	....	....	1[e]	....	1
Diplegia								
Stoeffel's operation	1	....	1	1	....	....	....	1
Epilepsy, Jacksonian								
Craniotomy; elevation of depressed fracture with removal of subdural cysts	1	....	1	1	....	....	....	1

a See Nos. 131, 132. *b* See No. 98. *c* See No. 139. *d* See No. 40. *e* See No. 55

Table B — Surgical Operations, 1919 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1920	Total
SECTION XV								
Hemiplegia								
Stoeffel's operation	2	....	2	2	....	....	....	2
Hemorrhage extradural (traumatic)								
Craniotomy with decompression	1	....	1	....	....	1[a]	....	1
Hernia of brain								
Cauterization	1	....	1	1	....	....	....	1
Tumors of brain:								
Cerebellum								
Glioma								
Decompression and partial removal of tumor	....	1	1	....	....	1[b]	....	1
1. Decompression with ventricular puncture. 2. Evacuation of cyst	1	....	1	....	1	....	....	1
Tumor of cerebellopontine angle								
Suboccipital decompression	1	....	1	....	....	1[c]	....	1
Cerebrum								
Cyst								
Evacuation	1	....	1	1	....	....	....	1
Osteoplastic craniotomy	....	1	1	....	....	....	1	1
Endothelioma								
1. Osteoplastic craniotomy, 1st stage. 2. Transfusion, for hemorrhage and shock. 3. Removing stitches. 4. Removal of tumor, 2d stage	1	....	1	....	....	1[d]	....	1
Glioma								
Craniotomy with decompression	....	2	2	....	....	1[e]	1	2
Ventricular puncture	....	1	1	....	1	....	....	1
Uncertified								
Craniotomy with decompression	7	5	12	7	1	3[f]	1	12
Osteoplastic craniotomy	....	1	1	1	....	....	....	1
Ventricular puncture	1	....	1	....	1	....	....	1
D. Mental Affections								
Paresis, general								
Ventricular puncture	1	....	1	....	1	....	....	1

a See No. 31. *b* See No. 41. *c* See No. 35.
d See No. 42. *e* See No. 34. *f* See Nos. 36, 37, 38.

Table B — Surgical Operations, 1919 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1920	Total
SECTION XV								
F. Peripheral Nerves								
Neuralgia, infraorbital								
Evulsion of nerve	....	1	1	1	....	....	....	1
Excision of Gasserian ganglion	1	....	1	1	....	....	....	1
Neuralgia, submaxillary								
Extraction of teeth	....	1	1	1	....	....	....	1
Section of inferior dental nerve	1	....	1	....	....	....	1	1
Neuralgia, supraorbital								
Evulsion of nerve	1	....	1	1	....	....	....	1
Neuralgia, trigeminal								
Alcohol injection	7	9	16	16	....	....	....	16
1. Alcohol injection. 2. Divulsion of 1st division of 5th nerve	....	1	1	1	....	....	....	1
1. Alcohol injection. 2. Evulsion of nerve root	1	....	1	1	....	....	....	1
1. Alcohol injection. 2. Excision of Gasserian ganglion	1	....	1	1	....	....	....	1
Divulsion of branch of 5th nerve	1	2	3	3	....	....	....	3
1. Divulsion of branch of 5th nerve. 2. Opening wound for secondary hemorrhage. 3. Section of 2d and 3d divisions of 5th nerve, with partial excision of Gasserian ganglion	....	1	1	1	....	....	....	1
Extraction of teeth	3	5	8	8	....	....	....	8
Neurectomy; alcohol injection	1	....	1	1	....	....	....	1
Resection of Gasserian ganglion	....	1	1	1	....	....	....	1
Section of inferior maxillary nerve	1	....	1	1	....	....	....	1
Neuritis								
Extraction of teeth	....	1	1	1	....	....	....	1
Paralysis, obstetric, of arm								
Manipulation	....	2	2	1	1	....	....	2
Osteotomy of humerus	....	1	1	1	....	....	....	1
Paralysis, traumatic								
Neurolysis	3	....	3	2	....	....	1	3
Neurorrhaphy	....	1	1	1	....	....	....	1
Torticollis, congenital								
Myotomy	3	....	3	3	....	....	....	3

Table B — Surgical Operations, 1919 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1920	Total
SECTION XV								
Torticollis, congenital — continued								
Tenotomy	1	....	1	1	....	....	....	1
Tumors of peripheral nerves:								
Neurofibroma of ulnar nerve								
Neurolysis	1	....	1	1	....	....	....	1
Resection of nerve; anastomosis	....	1	1	1	....	....	....	1
Neurofibromatosis								
Freeing ulnar, median and internal cutaneous nerves, and suturing same	1	....	1	1	....	....	....	1
G. Spinal Cord								
Myelitis, transverse								
Laminectomy	2	....	2	....	....	....	2	2
Sclerosis, lateral								
Fasciotomy of foot, for contraction	....	1	1	1	....	....	....	1
Tenotomy of tendo-Achilles; myotomy of adductors	....	1	1	....	....	....	1	1
Tumors of spinal cord:								
Cysts, multiple								
Laminectomy with drainage of cysts	....	1	1	....	1	....	....	1
J. Myopathies								
Myalgia								
Extraction of teeth; curettage of jaw	1	....	1	1	....	....	....	1
SECTION XVI								
Diseases of Bones, Joints, Muscles, Tendons and Fascia								
A. Bones								
Exostosis of astragalus								
Excision; lengthening peroneal tendons	1	....	1	1	....	....	....	1
Faulty union of humerus								
1. Open reduction. 2. Closed reduction	1	....	1	1	....	....	....	1

Table B — Surgical Operations, 1919 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1., 1920	Total
SECTION XVI								
Fracture, compound, of astragalus with dislocation of ankle								
1. Open reduction. 2. Amputation of thigh for gas bacillus infection	....	1	1	....	....	1[a]	....	1
Fracture of clavicle, simple								
Closed reduction	1	....	1	1	....	....	....	1
Exploratory operation	1	....	1	1	....	....	....	1
Fracture of coccyx, simple								
Coccygectomy	....	1	1	1	....	....	....	1
Fracture, Colles', simple								
Closed reduction	1	5	6	6	....	....	....	6
Fracture of elbow, simple								
Open reduction	1	....	1	1	....	....	....	1
Fracture of femur, simple								
Closed reduction	8	3	11	9	....	....	2	11
1. Closed reduction. 2. Open reduction	1	....	1	1	....	....	....	1
1. Open reduction. 2. Closed reduction	1	1	2	1	....	....	1	2
Fracture of femur, simple (double)								
1. Open reduction (rt.); closed reduction (lt.). 2. Open reduction (lt.)	1	....	1	1	....	....	....	1
Fracture of femur, neck of, simple								
Closed reduction	2	4	6	4	....	....	2	6
Fracture of fibula, simple								
Closed reduction	1	....	1	1	....	....	....	1
Fracture of fibula, simple comminuted								
1. Removal of fragments of bone. 2. Sequestrectomy	1	....	1	1	....	....	....	1
Fracture of humerus, simple								
Closed reduction	10	4	14	12	1	....	1	14
1. Closed reduction. 2. Open reduction	....	1	1	1	....	....	....	1
Open reduction	1	2	3	3	....	....	....	3

[a] See No. 6.

Table B — Surgical Operations, 1919 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1920	Total
SECTION XVI								
Fracture of humerus, compound comminuted								
Bone grafting	1	....	1	1	....	....	....	1
1. Open reduction. 2. Open reduction	1	....	1	1	....	....	....	1
Fracture of humerus with dislocation of elbow								
1. Closed reduction. 2. Open reduction	1	....	1	1	....	....	....	1
Fracture of humerus with dislocation of head of bone								
Excision of head of humerus	....	1	1	1	....	....	....	1
Fracture of humerus and scapula, simple								
Closed reduction	1	....	1	1	....	....	....	1
Fracture of jaw, simple								
Wiring bone	4	....	4	4	....	....	....	4
Extraction of teeth; curettage; resection of alveolar process	1	....	1	1	....	....	....	1
Fracture of malar bone, simple								
Elevating depressed bone	1	....	1	1	....	....	....	1
Fracture of metacarpal bone, simple								
Open reduction	1	....	1	1	....	....	....	1
Fractures, multiple compound comminuted, of all bones of leg								
Open reduction	1	....	1	....	....	1[a]	....	1
Fracture of nasal bones, simple								
Elevation of depressed bones	....	1	1	1	....	....	....	1
Fracture of nasal and ethmoid bones, compound								1
Closed reduction	1	....	1	1	....	....	....	1
Fracture of os calcis, simple								
Closed reduction	....	1	1	1	....	....	....	1
Fracture of patella, simple								
Suturing patella	5	3	8	6	....	....	2	8
Fracture of phalanx (finger), compound								
Open reduction	1	....	1	1	....	....	....	1

[a] See No. 114.

Table B — Surgical Operations, 1919 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1920	Total
SECTION XVI								
Fracture, Pott's, simple								
Closed reduction	....	2	2	2	....	....	....	2
Fracture of radius, simple								
Closed reduction	3	....	3	3	....	....	....	3
Fracture of radius, simple comminuted								
Excision of head of radius	1	1	2	2	....	....	....	2
Fracture of radius, compound								
Closed reduction	1	....	1	1	....	....	....	1
Fracture of radius and ulna, simple								
Closed reduction	3	1	4	4	....	....	....	4
Open reduction	2	....	2	2	....	....	....	2
1. Open reduction 2. Manipulation for deformity	1	....	1	1	....	....	....	1
Fracture of radius and ulna, compound								
Open reduction	1	....	1	1	....	....	....	1
Fracture of radius, ulna and humerus, compound								
1. Open reduction. 2. Manipulation	....	1	1	1	....	....	....	1
Fracture of scapula (old)								
Osteotomy	1	....	1	1	....	....	....	1
Fracture of skull, simple								
Craniotomy with decompression	3	....	3	2	....	1[a]	....	3
Elevating depressed bone	1	....	1	1	....	....	....	1
Removing depressed bone; decompression	1	....	1	1	....	....	....	1
Removing depressed bone; drainage	1	....	1	1	....	....	....	1
Fracture of skull with intradural hemorrhage								
Craniotomy with decompression	1	....	1	1	....	....	....	1
Fracture of skull, compound								
Craniotomy with decompression	1	....	1	1	....	....	....	1
Removing depressed bone	1	....	1	1	....	....	....	1
Fracture of skull, compound comminuted								
Irrigation and suture	1	....	1	....	....	1[b]	....	1

a See No. 33. *b* See No. 76.

Table B — Surgical Operations, 1919 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1920	Total
SECTION XVI								
Fracture of skull (base)								
Craniotomy and decompression	2	....	2	1	....	1[a]	....	2
Fracture of skull (base) with subdural hemorrhage								
Craniotomy with decompression	....	1	1	....	....	1[b]	....	1
Fracture of tibia, simple								
Closed reduction	2	....	2	1	....	....	1	2
1. Closed reduction. 2. Open reduction	1	....	1	1	....	....	....	1
Open reduction	1	....	1	1	....	....	....	1
Fracture of tibia, simple comminuted								
Closed reduction	1	....	1	1	....	....	....	1
Fracture of tibia, compound								
1. Débridement. 2. Incision and drainage of septic ankle. 3. Ditto. 4. Amputation of leg	1	....	1	....	....	1[c]	....	1
Open reduction	1	....	1	1	....	....	....	1
Fracture of tibia and fibula, simple								
Closed reduction	10	3	13	12	....	....	1	13
Fracture of tibia and fibula, simple comminuted								
Closed reduction	1	....	1	1	....	....	....	1
Fracture of tibia and fibula, compound								
1. Carrel drainage. 2. Amputation of leg for gas bacillus infection. 3. Secondary suture and skin grafting	1	....	1	1	....	....	....	1
Closed reduction	1	....	1	1	....	....	....	1
Open reduction	2	....	2	1	....	....	1	2
1. Open reduction. 2. Ditto. 3. Incision and drainage of osteomyelitis of tibia	1	....	1	1	....	....	....	1
1. Open reduction. 2. Removing bone plate	1	....	1	1	....	....	....	1
Fracture of tibia and fibula, compound comminuted								
Sequestrectomy of tibia	1	....	1	....	1	....	....	1

a See No. 32. *b* See No. 39. *c* See No. 46.

Table B — Surgical Operations, 1919 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1920	Total
SECTION XVI								
Fracture of ulna (olecranon), simple								
Open reduction	1	....	1	1	....	....	....	1
Fracture of vertebrae, simple								
Bone grafting, endogenous	2	....	2	2	....	....	....	2
Laminectomy	....	1	1	....	....	1	....	1
Fracture of wrists, simple								
Closed reduction	1	....	1	1	....	....	....	1
Malunion of femur								
Correction	1	....	1	1	....	....	....	1
Necrosis of humerus								
Sequestrectomy	2	....	2	2	....	....	....	2
Necrosis of jaw								
Curettage	....	1	1	1	....	....	....	1
Sequestrectomy	....	1	1	1	....	....	....	1
(No diagnosis), spine or sacrum								
Laminectomy; section of posterior nerve roots	....	1	1	1	....	....	....	1
Non-union of femur								
Bone grafting	....	1	1	....	....	....	1	1
1. Open reduction. 2. Manipulation. 3. Bone grafting	1	....	1	1	....	....	....	1
Non-union of femur and sepsis								
Removal of bone plate	1	....	1	1	....	....	....	1
Non-union of femur, neck of								
Open reduction	....	1	1	1	....	....	....	1
Non-union of radius								
Open reduction	1	....	1	1	....	....	....	1
Non-union of radius and ulna								
1. Open reduction. 2. Removing bone plate	1	....	1	1	....	....	....	1
Non-union of tibia								
Plastic	1	....	1	1	....	....	....	1
Osteitis of frontal bone								
Incision and curettage of right frontal sinus	1	....	1	1	....	....	....	1
Osteomyelitis, general								
Multiple incisions and drainage	1	....	1	1	....	....	....	1

Table B — Surgical Operations, 1919 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1920	Total
SECTION XVI								
Osteomyelitis of carpus								
Incision and curettage	....	1	1	1	....	....	....	1
Osteomyelitis of clavicle								
Incision and drainage	1	1	2	2	....	....	....	2
Osteomyelitis of femur								
1. Closed reduction of pathologic fracture of neck of bone. 2. Incision and drainage. 3. Excision of head of femur. 4. Application of plaster for adduction deformity	....	1	1	....	1	....	....	1
Incision and curettage	1	....	1	1	....	....	....	1
Incision and drainage	3	....	3	3	....	....	....	3
1. Incision and drainage. 2. Amputation of thigh	1	....	1	1	....	....	....	1
1. Incision and drainage. 2. Sequestrectomy	1	....	1	1	....	....	....	1
Sequestrectomy	5	1	6	4	2	....	....	6
1. Sequestrectomy. 2. Incision and drainage	....	1	1	1	....	....	....	1
Osteomyelitis of fibula								
Incision and curettage	....	1	1	1	....	....	....	1
Sequestrectomy	....	1	1	1	....	....	....	1
Osteomyelitis of humerus								
Incision and drainage	3	....	3	3	....	....	....	3
Sequestrectomy	1	....	1	1	....	....	....	1
Osteomyelitis of jaw								
Curettage	7	3	10	10	....	....	....	10
Extraction of teeth; curettage	3	6	9	9	....	....	....	9
Sequestrectomy	2	....	2	2	....	....	....	2
Osteomyelitis of metacarpal bones								
Incision and drainage	1	....	1	1	....	....	....	1
Sequestrectomy	2	....	2	2	....	....	....	2
Osteomyelitis of metatarsal bones								
Incision and drainage	2	....	2	1	....	....	1	2
Osteomyelitis of os calcis								
Excision of bone	....	1	1	....	....	....	1	1

Table B — Surgical Operations, 1919 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1920	Total
SECTION XVI								
Osteomyelitis of os calcis — continued								
Incision and drainage	....	1	1	....	....	....	1	1
Osteomyelitis of os innominatum (acetabulum)								
1. Sequestrectomy. 2. Incision and drainage of abscess of hip	1	....	1	1	....	....	....	1
Osteomyelitis of os innominatum (ilium)								
Incision and curettage	1	....	1	1	....	....	....	1
1. Incision and drainage of abscess of abdominal wall. 2. Incision and drainage of abscess about hip-joint	1	....	1	1	....	....	....	1
Osteomyelitis of phalanx (finger)								
Sequestrectomy	1	....	1	1	....	....	....	1
Osteomyelitis of phalanx (toe)								
Amputation of toe	1	....	1	1	....	....	....	1
Osteomyelitis of radius								
Incision and curettage	....	1	1	1	....	....	....	1
Incision and drainage	1	....	1	....	....	....	1	1
Sequestrectomy	1	....	1	1	....	....	....	1
Osteomyelitis of radius and ulna								
Incision and drainage	1	....	1	....	....	....	1	1
Osteomyelitis of rib								
Resection	1	....	1	1	....	....	....	1
Osteomyelitis of tarsal bones								
Incision and curettage	....	1	1	1	....	....	....	1
Osteomyelitis of tibia								
Bone grafting, endogenous	....	1	1	1	....	....	....	1
Incision and curettage	4	....	4	4	....	....	....	4
Incision and drainage	16	2	18	8	5	....	5	18
1. Incision and drainage. 2. Sequestrectomy. 3. Ditto	1	....	1	1	....	....	....	1
Sequestrectomy	1	....	1	1	....	....	....	1
Osteomyelitis of tibia and fibula								
Amputation of leg	1	....	1	1	....	....	....	1

Table B — Surgical Operations, 1919 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1920	Total
SECTION XVI								
Periostitis of femur								
Incision and drainage	....	1	1	1	....	....	....	1
(*Removing bone plate*)	4	1	5	4	....	....	1	5
(*Removing Parham band*)	....	1	1	1	....	....	....	1
Separation of epiphysis (upper) of femur								2
Closed reduction	3	1	4	4	....	....	....	4
Separation of epiphysis (lower) of humerus								
Open reduction	1	....	1	1	....	....	....	1
Sinus to frontal bone								
Excision of tract of sinus	1	....	1	1	....	....	....	1
Sinus to jaw								
Closing sinus	....	1	1	1	....	....	....	1
Sinus to tibia								
Curettage	1	....	1	1	....	....	....	1
Slipping patella								
Transplanting patellar tendon	....	3	3	3	....	....	....	3
Ulcer, osteomyelitic, of leg								
Plastic	1	....	1	1	....	....	....	1
B. Joints								
Ankylosis of elbow								
Excision of joint	....	1	1	1	....	....	....	1
Manipulation	3	....	3	2	1	....	....	3
Osteotomy of humerus	1	....	1	1	....	....	....	1
Ankylosis of hip								
1. Manipulation. 2. Arthroplasty	....	1	1	1	....	....	....	1
Osteotomy of femur	....	1	1	....	....	....	1	1
Ankylosis of knee								
Cuneiform osteotomy	1	....	1	1	....	....	....	1
Excision of joint	....	1	1	....	....	....	1	1
Lengthening quadriceps tendon	1	....	1	1	....	....	....	1
Osteotomy of femur and tibia	1	....	1	1	....	....	....	1
Ankylosis of shoulder								
Arthrodesis	1	....	1	1	....	....	....	1
Arthritis (unqualified) of knees								
Incision and irrigation	1	....	1	1	....	....	....	1

Table B — Surgical Operations, 1919 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1920	Total
SECTION XVI								
Arthritis, chronic infectious								
Extraction of teeth	1	1	2	2	....	....	....	2
Manipulation of knees	....	1	1	1	....	....	....	1
Manipulation of spine	1	....	1	1	....	....	....	1
Tonsillectomy	1	1	2	....	....	....	2	2
Arthritis, chronic infectious (atrophic type)								
Extraction of teeth; tonsillectomy	....	1	1	1	....	....	....	1
Manipulation of hips and knees	1	....	1	1	....	....	....	1
Arthritis, chronic infectious (hypertrophic type)								
Arthrodesis of hip	3	....	3	3	....	....	....	3
Arthritis deformans								
Extraction of tooth; curettage	....	2	2	2	....	....	....	2
Arthropathy, Charcot's, of ankle (old)								
Re-amputation of leg	1	....	1	1	....	....	....	1
Arthropathy, Charcot's, of knee								
Amputation of foot	1	....	1	1	....	....	....	1
Dislocation of hip								
Closed reduction	1	....	1	1	....	....	....	1
Dislocation of phalangeal joint (finger)								
Open reduction	1	....	1	1	....	....	....	1
Dislocation of sacro-iliac joint								
Arthrodesis	1	....	1	1	....	....	....	1
Dislocation of shoulder								
Open reduction	1	1	2	2	....	....	....	2
Osteotomy of humerus	1	....	1	1	....	....	....	1
Shortening subscapular tendon	....	1	1	1	....	....	....	1
Dislocation of sterno-clavicular joint								
Manipulation	1	....	1	1	....	....	....	1
Dislocation of wrist								
Excision of semilunar bone	1	....	1	1	....	....	....	1
Displaced semilunar cartilage								
Excision	2	1	3	3	....	....	....	3
Loose body in knee								
Excision of cartilage	2	....	2	1	....	....	1	2

Table B — Surgical Operations, 1919 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1920	Total
SECTION XVI								
Osteochondritis dessicans of knee								
Arthrotomy; exfoliation of cartilage	....	1	1	1	....	....	....	1
Sacro-iliac strain								
Manipulation	2	1	3	3	....	....	....	3
Snapping hip								
Fasciotomy	....	1	1	1	....	....	....	1
C. Other Diseases of the Locomotor System								
Amputation, traumatic, of arm								
Re-amputation	3	....	3	2	....	1[a]	....	3
Amputation, traumatic, of leg								
Re-amputation at thigh	2	....	2	1	....	1[b]	....	2
Amputation, traumatic, of both legs and right forearm								
1. Re-amputations. 2. Thiersch grafts to stump of right leg. 3. Sequestrectomy of right tibia. 4. Wolf graft to stump of right leg	1	....	1	1	....	....	....	1
Amputation stump, painful, of arm								
Laminectomy; division of nerve roots	1	....	1	....	1	....	....	1
Amputation stump, painful, of leg								
Excision of cicatrix	....	1	1	1	....	....	....	1
Neurectomy; excision of cicatrix .	1	....	1	....	....	....	1	1
Resection of fibula; plastic . . .	1	....	1	....	....	....	1	1
Amputation stump, painful, of thigh								
Excision portion of sciatic nerve .	1	....	1	1	....	....	....	1
Avulsion of patellar tendon								
Tenorrhaphy	1	....	1	1	....	....	....	1
Bursitis of ankle								
Excision of bursa	1	1	2	2	....	....	....	2
Bursitis, septic, of elbow								
Incision and drainage	1	....	1	....	....	....	1	1
Bursitis, gluteal								
Excision of bursa	....	1	1	1	....	....	....	1
Incision and drainage	....	1	1	1	....	....	....	1

a See No. 113. *b* See No. 112.

Table B — Surgical Operations, 1919 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1920	Total
SECTION XVI								
Bursitis, prepatellar								
Excision of bursa	1	2	3	3	....	....	....	3
Incision and drainage	2	....	2	2	....	....	....	2
Bursitis, subacromial								
Excision of bursa	1	....	1	1	....	....	....	1
Incision and curettage	....	1	1	1	....	....	....	1
Contraction of flexor tendons (forearm)								
Lengthening tendons	1	....	1	1	....	....	....	1
Contraction of knee								
Manipulation	....	1	1	....	....	....	1	1
Contraction of tendo-Achilles								
Lengthening tendon	....	3	3	3	....	....	....	3
Contraction of toes								
Tenotomy	....	1	1	1	....	....	....	1
Contraction, cicatricial (multiple)								
Excision of cicatrices; skin grafting	....	1	1	1	....	....	....	1
Contraction, cicatricial, of elbow								
Plastic	....	1	1	1	....	....	....	1
Contraction, cicatricial, of finger								
Amputation	2	....	2	2	....	....	....	2
Plastic; skin grafting	1	....	1	1	....	....	....	1
Contraction, cicatricial, of forearm								
Lengthening flexor tendons	1	....	1	1	....	....	....	1
Contraction, cicatricial, of hand								
1. Excision of cicatrix; 1st stage flap grafting. 2. 2d stage flap grafting	1	....	1	1	....	....	....	1
Contraction, cicatricial, of leg								
Amputation at knee	....	1	1	1	....	....	....	1
Contraction, cicatricial, of lip								
Plastic	....	1	1	1	....	....	....	1
Contraction, cicatricial, of neck								
1. Plastic; 1st stage skin grafting. 2. Ditto, 2d stage	1	....	1	1	....	....	....	1
Contraction, cicatricial, of vagina								
Plastic	....		1	1	....	....	....	1

Table B — Surgical Operations, 1919 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1920	Total
SECTION XVI								
Contraction, Dupuytren's								
Excision of palmar fascia	1	....	1	1	....	....	....	1
Excision of tendon node	....	1	1	1	....	....	....	1
Ganglion of hand								
Excision	....	1	1	1	....	....	....	1
Ganglion of wrist								
Excision	1	1	2	2	....	....	....	2
Incision and injection of iodine	1	....	1	1	....	....	....	1
Genu valgum								
Forcible separation of lower epiphysis of femur	2	2	4	4	....	....	....	4
Osteotomy of femur	4	3	7	7	....	....	....	7
1. Osteotomy of femur. 2. Manipulation	3	....	3	3	....	....	....	3
Genu varum								
Osteoclasis of tibia	....	1	1	1	....	....	....	1
Osteoclasis of tibia and fibula	3	6	9	9	....	....	....	9
Osteoclasis of tibia and fibula; tenotomy of tendo-Achilles	1	....	1	1	....	....	....	1
Osteotomy of tibia; bone transplantation	....	1	1	1	....	....	....	1
Osteotomy of tibia and fibula	....	1	1	1	....	....	....	1
Hallux valgus								
Excision of exostosis of 1st metatarsal	....	2	2	2	....	....	....	2
Excision of head of 1st metatarsal	1	8	9	9	....	....	....	9
Hammer toe								
Excision of 2d phalanx	....	1	1	1	....	....	....	1
Hernia of shoulder								
Excision	....	1	1	1	....	....	....	1
Peroneal spasm								
Resection of peroneal tendons	....	1	1	1	....	....	....	1
Pes cavus								
Tenoplasty	....	1	1	1	....	....	....	1
Pronated feet								
Excision of exostosis of 1st metatarsal	1	....	1	1	....	....	....	1
Manipulation; tenotomy	....	1	1	1	....	....	....	1

Table B — Surgical Operations, 1919 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1920	Total
SECTION XVI								
Ruptured quadriceps tendon								
Suturing	1	....	1	1	....	....	....	1
Ruptured supraspinatus muscle								
Suturing	1	....	1	1	....	....	....	1
Severed tendon								
Tenorrhaphy	2	1	3	3	....	....	....	3
Talipes equino-varus								
Subcutaneous Z-shaped tenotomy	1	....	1	1	....	....	....	1
Tenosynovitis of finger								
Incision and drainage	....	1	1	1	....	....	....	1
Torticollis, congenital								
Myotomy	1	....	1	1	....	....	....	1
Torticollis, non-spasmodic								
Myotomies	....	2	2	2	....	....	....	2
Wound, gunshot, of back								
Removal of bullet	1	....	1	1	....	....	....	1
Wound, gunshot, of face and neck								
Débridement	1	....	1	1	....	....	....	1
Wound, gunshot, of foot								
Débridement	1	....	1	....	....	....	1	1
Removal of shot; drainage	1	....	1	1	....	....	....	1
Wound, gunshot, of hand								
Repair	3	....	3	3	....	....	....	3
Wound, gunshot, of leg								
Removal of bullet	2	....	2	2	....	....	....	2
Wound, gunshot, of neck								
Exploring neck for bullet	....	1	1	1	....	....	....	1
Wound, gunshot, of thorax								
Débridement; removal of bullet	1	....	1	1	....	....	....	1
Wounds, lacerated (multiple)								
Débridement	1	....	1	....	....	1[a]	....	1
Repair; tenorrhaphy	....	1	1	1	....	....	....	1
Wound, lacerated, of elbow								
1. Débridement. 2. Incision and drainage of septic elbow	1	....	1	1	....	....	....	1
Wounds, lacerated, of face and hands								
Repair	1	....	1	1	....	....	....	1

a See No. 46.

Table B — Surgical Operations, 1919 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1920	Total
SECTION XVI								
Wound, lacerated, of hand								
1. Débridement. 2. Plastic, 1st stage. 3. Plastic, 2d stage	1	....	1	1	....	....	....	1
Wound, lacerated, of leg								
Débridement	1	....	1	1	....	....	....	1
Repair	1	....	1	1	....	....	....	1
Wound, lacerated, of thigh								
1. Débridement. 2. Exploration and drainage of septic knee. 3. Réverdin graft to granulating wound	1	....	1	1	....	....	....	1
1. Repair. 2. Excision of area of wound for gas bacillus infection	1	....	1	1	....	....	....	1
SECTION XVII								
Diseases and Injuries of the Ear and the Eye								
A. Ear								
Mastoiditis, acute								
Mastoid operation	11	4	15	14	1	....	....	15
Otalgia								
Extraction of tooth	....	1	1	1	....	....	....	1
Wound, lacerated, of ear								
Repair	1	....	1	1	....	....	....	1
B. Eye								
Cataract								
Removal	....	1	1	1	....	....	....	1
Glaucoma								
1. Trephining eye. 2. Iridectomy	....	1	1	1	....	....	....	1
Iritis								
Curettage of right upper jaw	1	1	2	2	....	....	....	2
Extraction of teeth	....	1	1	1	....	....	....	1
Strabismus, convergent alternating								
Plastic tenotomy of internal rectus; advancement of external rectus	....	2	2	2	....	....	....	2

Table B — Surgical Operations, 1919 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1920	Total
SECTION XVIII								
Diseases of the Nose and Accessory Sinuses								
Abscess of nasal septum								
Incision and drainage	1	....	1	1	....	....	....	1
Deformity of nose								
Bone transplantation	2	1	3	3	....	....	....	3
Correction	1	2	3	3	....	....	....	3
Elevating depressed bone	1	1	2	2	....	....	....	2
Plastic	3	2	5	5	....	....	....	5
Deviated septum								
Submucous resection	24	19	43	42	....	....	1	43
Submucous resection; turbinotomy	9	5	14	14	....	....	....	14
Turbinotomy	1	....	1	1	....	....	....	1
(Diagnosis)								
Exploration of antrum	....	1	1	....	1	....	....	1
Empyema of antrum								
Curettage; extraction of teeth	1	1	2	2	....	....	....	2
Excision of polypoid tissue	....	1	1	1	....	....	....	1
Incision and drainage	1	....	1	1	....	....	....	1
Irrigation	2	6	8	8	....	....	....	8
Paracentesis	....	1	1	1	....	....	....	1
Radical antrum operation	13	18	31	31	....	....	....	31
Ethmoiditis								
Curettage	2	1	3	3	....	....	....	3
Exenteration of ethmoids	1	3	4	4	....	....	....	4
Exploring antrum; removal of polypi	....	1	1	1	....	....	....	1
1. Puncturing antra; irrigation. 2. Exenteration of ethmoids; turbinotomy	1	....	1	1	....	....	....	1
Turbinectomy; curettage	1	5	6	5	....	1	....	6
Turbinotomy; curettage; puncturing antra	....	1	1	1	....	....	....	1
Hypertrophy of middle turbinate								
Turbinotomy	....	3	3	3	....	....	....	3
Infection, chronic, of antrum								
Extraction of tooth; curettage	....	1	1	1	....	....	....	1

Table B — Surgical Operations, 1919 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1920	Total
SECTION XVIII								
Pharyngitis, chronic								
Tonsillectomy	....	1	1	1	....	....	....	1
Rhinitis, chronic								
Tonsillectomy; excision of adenoids	1	....	1	1	....	....	....	1
Sinusitis								
Curettage	....	1	1	1	....	....	....	1
Exenteration of sinuses	1	....	1	1	....	....	....	1
External ethmoid-sinus operation	....	1	1	1	....	....	....	1
Incision and drainage	....	4	4	4	....	....	....	4
Paracentesis of antra	1	....	1	1	....	....	....	1
Radical antrum operation	5	4	9	9	....	....	....	9
Turbinotomy	3	2	5	5	....	....	....	5
Turbinotomy; curettage	3	....	3	3	....	....	....	3
Spur of nasal septum								
Excision	....	1	1	1	....	....	....	1
SECTION XIX								
Diseases of Mouth, Lips, Pharynx and Tonsils								
Abscess, peritonsillar								
Incision and drainage	....	4	4	4	....	....	....	4
Tonsillectomy	1	....	1	1	....	....	....	1
Abscess, retropharyngeal								
Dissection of neck; drainage of abscess	1	....	1	....	....	1[a]	....	1
Incision and drainage	....	1	1	1	....	....	....	1
Abscess, submaxillary								
Incision and drainage	....	2	2	2	....	....	....	2
Adenoids								
Curettage	1	1	2	2	....	....	....	2
Excision	20	16	36	35	....	....	1	36
Adherent pharynx								
Plastic	1	....	1	1	....	....	....	1
Angina Ludovici								
Incision and drainage	....	1	1	1	....	....	....	1

a See No. 47.

Table B — Surgical Operations, 1919 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1920	Total
SECTION XIX								
Concretion of submaxillary gland								
Excision	1	1	2	1	1	....	....	2
Deformity, postoperative, of lip								
Plastic	....	1	1	1	....	....	....	1
(Diagnosis)								
Excision of specimen from parotid gland	....	1	1	1	....	....	....	1
Fissure of lip								
Excision	1	....	1	1	....	....	....	1
Hypertrophy of tonsils								
Enucleation	1	....	1	1	....	....	....	1
Tonsillectomy	2	11	13	13	....	....	....	13
Hypertrophy of tonsils and adenoids								
Tonsillectomy and excision of adenoids	95	117	212	210	1	....	1	212
Tonsillectomy; excision of adenoids; turbinotomy	3	1	4	4	....	....	....	4
1. Tonsillectomy and excision of adenoids. 2. Ligation of artery for secondary hemorrhage	1	....	1	1	....	....	....	1
Keratosis tonsillaris								
Tonsillectomy	1	....	1	1	....	....	....	1
Tonsillitis, acute								
Tonsillectomy	1	....	1	1	....	....	....	1
Tonsillitis, chronic								
Tonsillectomy	55	116	171	169	....	....	2	171
Tonsillectomy; ligation of artery for postoperative hemorrhage	1	....	1	1	....	....	....	1
Tonsillectomy; extraction of teeth	1	1	2	2	....	....	....	2
Tonsillectomy; partial excision of soft palate	1	....	1	1	....	....	....	1
Tonsillectomy; turbinotomy	3	1	4	4	....	....	....	4
Wound, lacerated, of lip								
Repair	1	1	2	2	....	....	....	2
Wound, lacerated, of pharynx								
Repair	1	....	1	1	....	....	....	1

Table B — Surgical Operations, 1919 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1920	Total
SECTION XX								
Diseases of Jaw, Teeth and Gums								
Abscess, alveolar								
Extraction of tooth; curettage	10	21	31	30	1	....	....	31
Incision and drainage	1	1	2	2	....	....	....	2
Buried tooth root								
Extraction	2	....	2	2	....	....	....	2
Caries of teeth								
Extraction	3	2	5	5	....	....	....	5
Dental infection								
Extraction of teeth; curettage	....	1	1	1	....	....	....	1
(*Extraction of tooth*)	3	3	6	5	1	....	....	6
Impacted tooth								
Dissection of bony tissue; rotation of tooth	1	....	1	1	....	....	....	1
Extraction	5	22	27	27	....	....	....	27
Pyorrhea alveolaris								
Extraction of teeth	2	1	3	3	....	....	....	3
SECTION XXII								
Diseases of the Esophagus								
(Diagnosis)								
Esophagoscopy	....	1	1	1	....	....	....	1
Esophagoscopy and laryngoscopy	....	1	1	....	1	....	....	1
Diverticulum								
1. Esophagoscopy. 2. Ditto; dilatation	1	....	1	1	....	....	....	1
Foreign body								
Esophagoscopy; removal of foreign body	1	2	3	3	....	....	....	3
Stricture								
Dilatation	1	1	2	2	....	....	....	2
Esophagoscopy	3	....	3	1	1	1	....	3

Table B — Surgical Operations, 1919 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1920	Total
SECTION XXIII								
Diseases of the Stomach								
Adhesions about stomach								
Laparotomy with lysis of adhesions	....	1	1	1	....	....	....	1
Pyloric stenosis								
Gastro-enterostomy	1	....	1	1	....	....	....	1
Ulcer, gastric								
Cauterization; gastro-enterostomy	2	2	4	4	....	....	....	4
Cauterization; infolding of ulcer	....	1	1	1	....	....	....	1
Excision of ulcer	....	1	1	....	....	....	1	1
Excision of ulcer; gastro-enterostomy	....	2	2	2	....	....	....	2
Excision of ulcer; gastroplasty; gastro-enterostomy	....	1	1	1	....	....	....	1
Excision of ulcer; routine appendectomy	....	1	1	1	....	....	....	1
Gastro-enterostomy	4	3	7	7	....	....	....	7
Gastrotomy; cauterization	2	....	2	1	1	....	....	2
Gastrotomy; cauterization; gastro-enterostomy	1	....	1	....	....	....	1	1
Pylorectomy; gastro-enterostomy	2	2	4	2	....	2[a]	....	4
Ulcers, gastric and duodenal								
Gastrectomy, partial; gastro-enterostomy	1	....	1	1	....	....	....	1
Ulcers, gastric (perforating)								
Cauterization; gastro-enterostomy	....	1	1	1	....	....	....	1
Gastrorrhaphy	1	....	1	1	....	....	....	1
Infolding of ulcer; gastro-enterostomy	2	....	2	2	....	....	....	2
Obliteration of old gastro-enterostomy	1	....	1	1	....	....	....	1
Vicious circle following gastro-enterostomy								
Jejuno-jejunostomy	1	....	1	1	....	....	....	1
Plastic repair	1	....	1	1	....	....	....	1
Obliteration of gastro-enterostomy	....	1	1	1	....	....	....	1

a See No. 110.

Table B — Surgical Operations, 1919 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1920	Total
SECTION XXIV								
Diseases of the Intestines								
Abscess of appendix (old)								
Incision and drainage	....	1	1	1	....	....	....	1
Adhesions								
Laparotomy with freeing of adhesions	3	14	17	14	1	....	2	17
Laparotomy with freeing of adhesions; excision of diverticuli	1	....	1	1	....	....	....	1
(*Appendectomy, routine.*) See other abdominal operations	....	4	4	3	....	....	1	4
Appendicitis, acute								
Appendectomy	101	60	161	151	....	1	9	161
1. Appendectomy. 2. Laparotomy with drainage of subphrenic abscess	1	....	1	....	....	1[a]	....	1
Appendicitis, acute, with abscess								
Appendectomy with drainage of abscess	18	16	34	31	1	1[b]	1	34
Laparotomy with drainage of abscess	3	1	4	3	....	....	1	4
Appendicitis, acute, with peritonitis								
Appendectomy	11	7	18	10	....	8[c]	....	18
Appendicitis, chronic								
Appendectomy (during attack)	53	115	168	160	....	....	8	168
Appendectomy (during interval)	8	17	25	24	....	....	1	25
Appendectomy; cecopexy	1	1	2	2	....	....	....	2
Cecopexy; freeing adhesions	....	1	1	1	....	....	....	1
Exploratory laparotomy	2	6	8	8	....	....	....	8
Appendicitis, subacute								
Appendectomy	22	34	56	53	....	....	3	56
Cecum mobile								
Cecopexy	....	4	4	4	....	....	....	4
Colitis								
Appendicostomy	2	....	2	2	....	....	....	2
Cecostomy	1	....	1	1	....	....	....	1
Ileostomy	1	1	2	1	....	1[d]	....	2

a See No. 11. *b* See No. 12.
c See Nos. 13, 14, 15. *d* See No. 69.

Table B — Surgical Operations, 1919 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1920	Total
SECTION XXIV								
Colitis, ulcerative								
Ileostomy	2	....	2	2	....	....	....	2
(Diagnosis)								
Appendectomy	....	1	1	1	....	....	....	1
Diverticulitis with intestinal obstruction								
Exploratory laparotomy; freeing adhesions	1	....	1	1	....	....	....	1
Diverticulum, Meckel's								
Excision	....	1	1	1	....	....	....	1
Fecal fistula								
Closing fistula	....	1	1	1	....	....	....	1
Excision of tract of fistula	....	1	1	1	....	....	....	1
Resection of intestine with end-to-end anastomosis	....	1	1	1	....	....	....	1
Fecal impaction with dilatation of colon								
Exploratory laparotomy	1	....	1	1	....	....	....	1
Intussusception								
Reduction	1	....	1	1	....	....	....	1
Obstruction								
1. Cecostomy. 2. Exploratory laparotomy	1	....	1	1	....	....	....	1
Colostomy	1	1	2	1	....	1	....	2
Excision of constricted cicatrix	....	1	1	1	....	....	....	1
Exploratory laparotomy	....	1	1	....	....	1[a]	....	1
1. Exploratory laparotomy. 2. Cecostomy	....	1	1	....	....	1[b]	....	1
1. Exploratory laparotomy; cecostomy. 2. Cutting adhesive bands	....	1	1	....	....	1	....	1
Exploratory laparotomy; freeing adhesions	2	2	4	3	....	1[c]	....	4
Freeing Lane's kink	1	....	1	....	....	1[d]	....	1
Freeing Lane's kink; routine appendectomy	1	1	2	2	....	....	....	2
Resection; end-to-end anastomosis	....	1	1	1	....	....	....	1

a See No. 79. *b* See No. 93. *c* See No. 97. *d* See No. 56.

Table B — Surgical Operations, 1919 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1920	Total
SECTION XXIV								
Obstruction — continued								
1. Resection; ileostomy. 2. Ileo-colostomy	1	1	2	1	....	1[a]	....	2
Ruptured intestine								
Exploratory laparotomy; closing perforation	1	....	1	1	....	....	....	1
Ruptured mesentery								
1. Resection of intestine; Murphy button. 2. Removal of button; ileostomy	1	....	1	....	....	1[b]	....	1
Ulcer, duodenal								
Excision of ulcer	1	....	1	....	....	....	1	1
Exploratory laparotomy	1	....	1	....	....	1[c]	....	1
Gastro-enterostomy	20	5	25	21	....	3[d]	1	25
Gastro-enterostomy; routine appendectomy	1	1	2	2	....	....	....	2
Infolding of ulcer; gastro-enterostomy	5	....	5	5	....	....	....	5
Omentoplasty; gastro-enterostomy	....	1	1	1	....	....	....	1
Pylorectomy	1	....	1	....	....	....	1	1
Ulcer, duodenal (perforating)								
Cauterization; gastro-enterostomy	....	1	1	1	....	....	....	1
Exploratory laparotomy	1	....	1	....	....	1[e]	....	1
Infolding of ulcer; gastro-enterostomy	3	....	3	3	....	....	....	3
1. Infolding of ulcer; gastro-enterostomy. 2. Exploratory; drainage of small abscess of liver	1	....	1	....	....	1[f]	....	1
SECTION XXV								
Diseases of the Liver and Gall Ducts								
Abscess of liver								
Exploratory laparotomy	1	....	1	....	....	1[g]	....	1

a See No. 125. *b* See No. 124. *c* See No. 87. *d* See Nos. 62, 63.
e See No. 90. *f* See No. 75. *g* See No. 89.

Table B — Surgical Operations, 1919 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1920	Total
SECTION XXV								
Abscess of liver — continued								
1. Thoracotomy with resection of rib; drainage. 2. Incision and drainage of abscess	....	1	1	....	....	....	1	1
Adhesions about gall bladder								
Freeing adhesions	1	2	3	3	....	....	....	3
Freeing adhesions; choledochostomy	....	1	1	1	....	....	....	1
Freeing adhesions; routine appendectomy	1	1	2	1	....	....	1	2
Adhesions about liver								
Exploratory laparotomy; choledochotomy	....	1	1	1	....	....	....	1
Exploratory laparotomy; lysis of adhesions	1	....	1	1	....	....	....	1
Cholecystitis, acute								
Cholecystectomy	1	3	4	3	....	....	1	4
Cholecystostomy	1	1	2	1	....	1	....	2
Cholecystitis, chronic								
Cholecystectomy	2	15	17	15	....	1[a]	1	17
Cholecystectomy; routine appendectomy	2	1	3	3	....	....	....	3
Cholecystostomy	....	1	1	1	....	....	....	1
Cholecystostomy; exploratory laparotomy	1	....	1	1	....	....	....	1
Cholecystitis and cholangitis								
Cholecystostomy	....	1	1	1	....	....	....	1
Cholelithiasis								
Cholecystectomy	11	45	56	49	....	2[b]	5	56
Cholecystectomy; routine appendectomy	....	12	12	11	....	....	1	12
Cholecystectomy and choledochostomy	1	9	10	6	....	3[c]	1	10
Cholecystectomy and choledochotomy	2	....	2	1	....	1[d]	....	2
Cholecystostomy	2	4	6	6	....	....	....	6
Cholecystostomy and choledochostomy	....	1	1	....	....	....	1	1
Exploratory laparotomy	1	....	1	....	....	1[e]	....	1

a See No. 17. *b* See No. 16. *c* See Nos. 19, 20, 21. *d* See No. 22. *e* See No. 85.

Table B — Surgical Operations, 1919 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1920	Total
SECTION XXV								
Cholelithiasis — continued								
Exploratory laparotomy; cholecystectomy	....	1	1	1	....	....	....	1
Jaundice, hemolytic								
Splenectomy	1	1	2	2	....	....	....	2
1. Splenectomy. 2. Transfusion	1	....	1	....	....	1[a]	....	1
Jaundice, obstructive								
Cholecystostomy; routine appendectomy	1	....	1	1	....	....	....	1
Ruptured liver								
Laparotomy with drainage of hemorrhage from liver; cholecystostomy	1	....	1	1	....	....	....	1
Stone in common duct								
Choledochostomy	....	3	3	2	....	....	1	3
Duodenotomy; choledochostomy	1	....	1	1	....	....	....	1
SECTION XXVI								
Diseases of the Pancreas								
Pancreatitis, chronic								
Choledochostomy	....	1	1	1	....	....	....	1
SECTION XXVII								
Diseases of the Abdomen and Peritoneum in General								
Abscess, abdominal (unspecified)								
Laparotomy and drainage	2	1	3	2	....	1[b]	....	3
Abscess, retrocecal								
Cecoplasty	1	....	1	1	....	....	....	1
Abscess, retroperitoneal								
Incision and drainage	3	1	4	3	1	....	....	4
Abscess, subphrenic								
Incision and drainage	2	....	2	2	....	....	....	2

a See No. 133. *b* See No. 78.

Table B — Surgical Operations, 1919 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1920	Total
SECTION XXVII								
Abscess, subphrenic — continued								
1. Thoracentesis. 2. Thoracotomy; drainage	1	....	1	1	....	....	....	1
Thoracotomy; resection of ribs; drainage	1	....	1	1	....	....	....	1
Abscess, subphrenic (perforating)								
Thoracotomy; drainage	1	....	1	1	....	....	....	1
Adhesions, pelvic								
Exploratory laparotomy; freeing adhesions	....	1	1	1	....	....	....	1
(Diagnosis)								
Exploratory laparotomy	3	3	6	5	....	1[a]	....	6
Exploratory laparotomy; routine appendectomy	2	5	7	6	....	....	1	7
Exploratory laparotomy; choledochostomy	....	1	1	1	....	....	....	1
Diastasis of recti								
Repair	....	4	4	4	....	....	....	4
Hemorrhage, internal								
Transfusion; exploratory laparotomy	1	....	1	....	....	1[b]	....	1
Hernia, epigastric								
Repair	3	....	3	2	....	1[c]	....	3
Hernia, epigastric (strangulated)								
Repair	1	....	1	....	....	....	1	1
Hernia, femoral								
Repair	4	5	9	9	....	....	....	9
Hernia, femoral (strangulated)								
Repair	2	1	3	3	....	....	....	3
Resection of intestine; end-to-end anastomosis	....	1	1	1	....	....	....	1
1. Resection of intestine; end-to-end anastomosis. 2. Exploratory laparotomy; enterostomy for intestinal obstruction	....	1	1	....	....	1[d]	....	1
Hernia, inguinal								
Repair	277	22	299	284	....	2[e]	13	299

a See No. 86. *b* See No. 88. *c* See No. 115. *d* See No. 126. *e* See Nos. 116, 117.

Table B — Surgical Operations, 1919 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1920	Total
SECTION XXVII								
Hernia, inguinal — continued								
Repair; routine appendectomy	2	....	2	2	....	....	....	2
Hernia, inguinal, with undescended testicle								
Repair of hernia; orchidectomy	9	....	9	8	....	1[a]	....	9
Repair of hernia; orchidopexy	10	....	10	10	....	....	....	10
Hernia, inguinal (strangulated)								
Repair	11	....	11	11	....	....	....	11
1. Repair on right. 2. Repair of left incarcerated hernia. 3. Enterostomy for possible intestinal obstruction (none found)	1	....	1	....	....	1[b]	....	1
Hernia, umbilical								
Lipectomy; repair of hernia	....	1	1	1	....	....	....	1
Repair	5	6	11	9	....	1[c]	1	11
Hernia, umbilical (strangulated)								
Repair	....	1	1	....	....	1[d]	....	1
Resection of intestine; end-to-end anastomosis	....	1	1	....	....	1[e]	....	1
Resection of intestine; lateral anastomosis	....	1	1	....	....	1[f]	....	1
Hernia, ventral								
Repair	8	26	34	32	....	1[g]	1	34
Repair; routine appendectomy	1	....	1	1	....	....	....	1
Hernia, ventral (strangulated)								
Repair	....	1	1	1	....	....	....	1
Peritonitis, pelvic								
Hysterectomy	....	1	1	1	....	....	....	1
Laparotomy; drainage	....	1	1	1	....	....	....	1
Sinus, abdominal								
Excision of tract of sinus	3	2	5	3	....	....	2	5
Exploration; resuture of abdominal wound	....	1	1	....	1	....	....	1
Removing stump of appendix; closing sinus	1	....	1	1	....	....	....	1
Wound, incised, of abdomen								
Exploratory laparotomy; repair of wound	1	....	1	1	....	....	....	1

a See No. 119. *b* See No. 118. *c* See No. 120. *d* See No. 121.
e See No. 127. *f* See No. 128. *g* See No. 122.

Table B — Surgical Operations, 1919 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1920	Total
SECTION XXVIII								
Diseases of the Rectum and Anus								
Abscess, ischio-rectal								
Incision and drainage	17	6	23	21	1	1[a]	....	23
Abscess, perianal								
Incision and drainage	4	....	4	4	....	....	....	4
Abscess, perirectal								
Incision and drainage	1	....	1	1	....	....	....	1
Contraction of anal sphincter								
Dilatation	....	1	1	1	....	....	....	1
Fissure of anus								
Cauterization	1	1	2	2	....	....	....	2
Dilatation of sphincter	7	9	16	16	....	....	....	16
Excision	....	1	1	1	....	....	....	1
Fistula in anus								
Excision of tract of fistula	16	5	21	20	....	....	1	21
Incision and curettage	5	....	5	5	....	....	....	5
Incision and drainage	15	4	19	19	....	....	....	19
Hemorrhoids								
Cauterization	....	2	2	2	....	....	....	2
Clamp and cautery	60	30	90	87	2	....	1	90
Excision	8	3	11	10	....	....	1	11
Whitehead's operation	....	1	1	1	....	....	....	1
Lacerated anal sphincter								
Suture	....	1	1	1	....	....	....	1
Prolapse of rectum								
Cauterization	1	1	2	2	....	....	....	2
Obliteration of posterior cul-de-sac	....	1	1	1	....	....	....	1
Plastic	1	....	1	1	....	....	....	1
Relaxed sphincter								
Plastic	....	1	1	1	....	....	....	1
Stricture of rectum								
Dilatation	2	1	3	3	....	....	....	3

a See No. 72.

Table B — Surgical Operations, 1919 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1920	Total
SECTION XXIX								
Diseases of the Larynx								
Foreign body								
Laryngoscopy	1	....	1	....	....	....	1	1
Stenosis								
Dilatation	3	....	3	3	....	....	....	3
Laryngostomy	1	....	1	1	....	....	....	1
SECTION XXX								
Diseases of the Trachea and Bronchi								
Foreign body in bronchus								
Removal	2	2	4	3	1	....	....	4
(*Exploring tracheotomy wound*)	....	1	1	1	....	....	....	1
SECTION XXXI								
Diseases of the Lungs								
Abscess								
Thoracotomy; resection of rib; drainage	3	....	3	1	....	2[a]	....	3
Foreign body								
Resection of transverse process of eleventh vertebra, and of rib, with removal of shrapnel from lung root	1	....	1	1	....	....	....	1
SECTION XXXII								
Diseases of the Pleura								
Empyema								
Curettage of sinus	1	....	1	1	....	....	....	1
Excision of tract of sinus; resection of rib	1	....	1	1	....	....	....	1

a See No. 137.

Table B — Surgical Operations, 1919 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1920	Total
SECTION XXXII								
Empyema — continued								
Thoracentesis	....	1	1	....	....	....	1	1
1. Thoracentesis. 2. Thoracotomy; resection of rib; drainage	1	....	1	....	....	....	1	1
Thoracotomy; decortication of lung	3	....	3	3	....	....	....	3
Thoracotomy; drainage	16	2	18	16	....	2[a]	....	18
1. Thoracotomy. 2. Thoracotomy; resection of rib; drainage	4	1	5	5	....	....	....	5
Thoracotomy; resection of rib; drainage	14	10	24	21	1	....	2	24
1. Thoracotomy; resection of rib; drainage. 2. Decortication of lung	....	1	1	1	....	....	....	1
1. Thoracotomy; resection of rib; drainage. 2. Exploration of sinus followed by hemorrhage	1	....	1	....	....	1[b]	....	1
Thoracotomy; resection of ribs; partial decortication of lung	2	....	2	2	....	....	....	2
Hemopneumothorax, traumatic								
Thoracentesis	....	1	1	....	....	1[c]	....	1
Pyopneumothorax								
Thoracotomy; drainage	....	1	1	1	....	....	....	1
SECTION XXXIII								
Diseases of the Kidney and Ureter								
Abscess of kidney								
Pyelonephrotomy	1	....	1	1	....	....	....	1
Abscess, perinephric								
Incision and drainage	3	2	5	3	....	....	2	5
1. Incision and drainage. 2. Secondary suture	1	....	1	1	....	....	....	1
Calculus, ureteral								
Cystotomy	1	1	2	2	....	....	....	2
1. Litholapaxy. 2. Ditto	1	....	1	1	....	....	....	1
Pyelotomy	1	....	1	1	....	....	....	1

See Nos. 135, 136. *b* See No. 138. *c* See No. 134.

Table B — Surgical Operations, 1919 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1920	Total
SECTION XXXIII								
Calculus, ureteral — continued								
Ureterotomy	3	3	6	6	....	....	....	6
(Diagnosis)								
Exploratory of kidney	1	1	2	1	1	....	....	2
Exploratory pyelotomy; exploratory laparotomy	....	1	1	1	....	....	....	1
Hematuria (cause unknown)								
Decapsulation of kidney	2	1	3	3	....	....	....	3
Hydronephrosis								
1. Nephrectomy. 2. Incision and curettage of persistent sinus	....	1	1	....	....	....	1	1
Nephritis, chronic infectious								
Nephrectomy	1	....	1	1	....	....	....	1
Nephrolithiasis								
Nephrectomy	4	....	4	4	....	....	....	4
Pyelotomy	7	6	13	12	....	1[a]	....	13
1. Pyelotomy. 2. Nephrectomy	....	1	1	1	....	....	....	1
Nephroptosis								
Nephropexy	....	1	1	1	....	....	....	1
Pyelitis								
Pyelonephrotomy	....	1	1	1	....	....	....	1
Pyelonephritis								
Exploratory nephrotomy and ureterotomy	....	1	1	1	....	....	....	1
Pyonephrosis								
Nephrectomy	1	1	2	1	....	....	1	2
Nephrotomy	....	1	1	....	....	....	1	1
SECTION XXXIV								
Diseases of the Bladder								
Abscess, prevesical								
Incision and drainage	1	....	1	1	....	....	....	1
Calculus, vesical								
Cystostomy	6	....	6	6	....	....	....	6
Litholapaxy	7	3	10	8	....	1[b]	1	10

a See No. 108. *b* See No. 99.

Table B — Surgical Operations, 1919 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1920	Total
SECTION XXXIV								
Diverticulum								
Cystostomy	2	....	2	....	....	1[a]	1	2
Excision	1	....	1	1	....	....	....	1
Fistula, entero-vesical								
Exploratory laparotomy; resection of small intestine; end-to-end anastomosis	1	....	1	....	....	....	1	1
Foreign body								
Removal	1	....	1	1	....	....	....	1
Incontinence of urine								
Anterior colporrhaphy; plastic on neck of bladder	....	1	1	1	....	....	....	1
Relaxed urinary sphincter								
Plastic	....	1	1	1	....	....	....	1
Ulcer of bladder wall								
Cystostomy	1	....	1	1	....	....	....	1
Cystostomy; excision of ulcer	1	....	1	1	....	....	....	1
SECTION XXXV								
Diseases of the Urethra, Male and Female								
Abscess, periurethral								
Incision and drainage	11	....	11	9	1	....	1	11
Caruncle								
Cauterization	....	1	1	1	....	....	....	1
Excision	....	3	3	3	....	....	....	3
Extravasation of urine								
Cystostomy and perineal drainage	2	....	2	....	....	1[b]	1	2
Fistula, entero-urethral								
External urethrotomy; drainage	1	....	1	1	....	....	....	1
Periurethritis, gangrenous								
Multiple incisions and perineal section	1	....	1	....	....	1[c]	....	1
Ruptured urethra								
1. Perineal section; drainage. 2. Dilating traumatic stricture. 3. Ditto	1	....	1	1	....	....	....	1

a See No. 44. *b* See No. 101. *c* See No. 102.

Table B — Surgical Operations, 1919 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1920	Total
SECTION XXXV								
Ruptured urethra — continued								
Perineal section; repair	1	....	1	....	....	....	1	1
Plastic	....	1	1	1	....	....	....	1
Sinus, paraurethral								
Excision of tract of sinus	1	....	1	1	....	....	....	1
Sinus, periurethral								
Plastic	1	....	1	1	....	....	....	1
Stricture								
Divulsion	2	....	2	1	1	....	....	2
Urethrotomy, external	9	....	9	9	....	....	....	9
Urethrotomy, external and internal	5	....	5	5	....	....	....	5
Urethrotomy, internal	2	....	2	2	....	....	....	2
SECTION XXXVI								
Diseases of Male Generative Organs								
B. Penis								
Phimosis								
Circumcision	13	....	13	13	....	....	....	13
Redundant prepuce								
Circumcision	2	....	2	2	....	....	....	2
C. Prostate								
Abscess								
External urethrotomy; drainage	1	....	1	1	....	....	....	1
Calculus								
1. Cystostomy; removal of calculi. 2. Suprapubic prostatectomy	1	....	1	1	....	....	....	1
Prostatism, obstructive (unqualified)								
Suprapubic prostatectomy	1	....	1	1	....	....	....	1
Prostatism, obstructive (adenomatous)								
Perineal prostatectomy	11	....	11	9	....	1[a]	1	11
1. Suprapubic cystostomy. 2. Suprapubic prostatectomy	11	....	11	7	....	3[b]	1	11

a See No. 103. *b* See Nos. 104, 105, 106.

Table B — Surgical Operations, 1919 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1920	Total
SECTION XXXVI								
Prostatism, obstructive (adenomatous) — continued								
1. Suprapubic cystostomy. 2. Suprapubic prostatectomy. 3. Packing, for postoperative hemorrhage. 4. Incision and drainage of periurethral abscess . .	1	....	1	1	....	....	....	1
Suprapubic prostatectomy . . .	9	....	9	7	....	2[a]	....	9
Suprapubic prostatectomy; vasectomy	1	....	1	1	....	....	....	1
Prostatism, obstructive (sclerotic)								
1. Suprapubic cystostomy. 2. Suprapubic prostatectomy . .	1	....	1	1	....	....	....	1
D. Scrotum								
Abscess								
Incision and drainage	1	....	1	1	....	....	....	1
Hematocele								
Excision	2	....	2	2	....	....	....	2
Incision and drainage	1	....	1	1	....	....	....	1
Hydrocele								
Excision	29	....	29	27	1	....	1	29
Excision, partial, of tunica vaginalis	1	....	1	1	....	....	....	1
Incision and drainage	1	....	1	1	....	....	....	1
Inversion of sac	4	....	4	4	....	....	....	4
Paracentesis	1	....	1	1	....	....	....	1
Hydrocele of cord								
Eversion of sac	2	....	2	2	....	....	....	2
Excision	4	....	4	4	....	....	....	4
Spermatocele								
Excision	6	....	6	5	....	....	1	6
Varicocele								
Resection of veins of cord . . .	30	....	30	30	....	....	....	30
F. Testicle								
Epididymitis, acute								
Epididymotomy	1	....	1	1	....	....	....	1

a See No. 107.

Table B — Surgical Operations, 1919 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1920	Total
SECTION XXXVI								
Epididymitis, chronic								
Epididymo-vasectomy	4	....	4	3	....	....	1	4
Torsion of spermatic cord								
Orchido-vasectomy	1	....	1	1	....	....	....	1
SECTION XXXVII								
Diseases of Female Generative Organs								
A. General and Functional								
Abscess, pelvic								
1. Exploratory laparotomy. 2. Vaginal puncture	....	1	1	1	....	....	....	1
Laparotomy with drainage	....	3	3	1	1	....	1	3
Vaginal puncture	....	3	3	3	....	....	....	3
(Diagnosis)								
Dilatation and curettage	....	8	8	7	1	....	....	8
Excision of specimen from Fallopian tube	....	1	1	1	....	....	....	1
Dysmenorrhea								
Dilatation of cervix uteri	....	2	2	2	....	....	....	2
Dilatation and curettage	....	11	11	11	....	....	....	11
Hydrocele of canal of Nuck								
Excision	....	1	1	1	....	....	....	1
Laceration of cervix uteri (old)								
Trachelorrhaphy	....	48	48	47	....	....	1	48
Laceration of cervix uteri and pelvic floor (old)								
Amputation of cervix; perineorrhaphy	....	1	1	1	....	....	....	1
Colpo-perineorrhaphy	....	6	6	6	....	....	....	6
Trachelorrhaphy and colpo-perineorrhaphy	....	12	12	12	....	....	....	12
Trachelorrhaphy and perineorrhaphy	....	41	41	38	1	....	2	41
Laceration of pelvic floor (old)								
Colpo-perineorrhaphy	....	10	10	10	....	....	....	10

Table B — Surgical Operations, 1919 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1920	Total
SECTION XXXVII								
Laceration of pelvic floor (old) — continued								
Perineorrhaphy	....	21	21	20	....	....	1	21
Menorrhagia								
Application of radium	....	5	5	4	....	....	1	5
Curettage; colporrhaphy	....	1	1	1	....	....	....	1
Dilatation and curettage	....	5	5	5	....	....	....	5
Sterility								
Dilatation and curettage	....	9	9	9	....	....	....	9
Dilatation and curettage; colpoplasty	....	1	1	1	....	....	....	1
Trachelotomy	....	1	1	1	....	....	....	1
B. Fallopian Tubes								
Hematosalpinx								
Hysterectomy; salpingo-oöphorectomy; routine appendectomy	....	1	1	1	....	....	....	1
Hydrosalpinx								
Salpingo-oöphorectomy	....	3	3	3	....	....	....	3
Pyosalpinx								
Hysterectomy; salpingo-oöphorectomy	....	3	3	3	....	....	....	3
Panhysterectomy	....	2	2	2	....	....	....	2
Salpingectomy	....	1	1	1	....	....	....	1
Salpingo-oöphorectomy	....	5	5	5	....	....	....	5
Salpingo-oöphorectomy; routine appendectomy	....	2	2	2	....	....	....	2
Salpingitis								
Hysterectomy; oöphorectomy	....	1	1	1	....	....	....	1
Hysterectomy; salpingo-oöphorectomy; routine appendectomy	....	1	1	1	....	....	....	1
Salpingectomy	....	3	3	3	....	....	....	3
Salpingectomy; routine appendectomy	....	1	1	1	....	....	....	1
Salpingo-oöphorectomy	....	10	10	8	....	1[a]	1	10
Salpingo-oöphorectomy; routine appendectomy	....	2	2	2	....	....	....	2

[a] See No. 130.

Table B — Surgical Operations, 1919 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1920	Total
SECTION XXXVII								
Salpingitis — continued								
Salpingo-oöphorectomy; ventral fixation	....	1	1	1	....	....	....	1
Salpingo-oöphoritis								
Hysterectomy; salpingo-oöphorectomy	....	1	1	1	....	....	....	1
D. Uterus								
Anteflexion of cervix uteri								
Dilatation and curettage	....	2	2	2	....	....	....	2
Round ligament suspension	....	2	2	1	....	....	1	2
(Diagnosis)								
Excision of specimen; cauterization	....	1	1	1	....	....	....	1
Hysterectomy	....	1	1	1	....	....	....	1
Endocervicitis								
Amputation of cervix uteri	....	2	2	1	....	....	1	2
Dilatation and curettage	....	4	4	4	....	....	....	4
Endometritis								
Dilatation and curettage	....	7	7	7	....	....	....	7
Endometritis, hyperplastic								
Curettage	....	1	1	1	....	....	....	1
1. Curettage. 2. Hysterectomy	....	1	1	1	....	....	....	1
Dilatation and curettage	....	19	19	18	1	....	....	19
Hysterectomy; routine appendectomy	....	1	1	1	....	....	....	1
Hysterectomy; salpingo-oöphorectomy	....	2	2	2	....	....	....	2
Metrorrhagia								
Dilatation and curettage	....	10	10	9	....	....	1	10
Dilatation and curettage; application of radium	....	1	1	1	....	....	....	1
Hysterectomy	....	1	1	1	....	....	....	1
Procidentia								
Amputation of cervix uteri; colporrhaphy; ventral fixation	....	1	1	1	....	....	....	1

Table B — Surgical Operations, 1919 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1920	Total
SECTION XXXVII								
Procidentia — continued								
Amputation of cervix uteri; colpo-perineorrhaphy; ventral suspension	....	1	1	1	....	....	....	1
Amputation of cervix uteri; colpo-perineorrhaphy; hysterectomy	....	2	2	2	....	....	....	2
Amputation of cervix uteri; colpo-perineorrhaphy; ventral fixation	....	2	2	2	....	....	....	2
Amputation of cervix uteri; peri-neorrhaphy; hysterectomy	....	1	1	1	....	....	....	1
Amputation of cervix uteri; peri-neorrhaphy; ventral fixation	....	1	1	1	....	....	....	1
Amputation of cervix uteri; ventral fixation	....	2	2	2	....	....	....	2
Colporrhaphy; hysterectomy	....	1	1	1	....	....	....	1
Colpo-perineorrhaphy; ventral fixation	....	1	1	1	....	....	....	1
Hysterectomy	....	1	1	1	....	....	....	1
Trachelorrhaphy; obliteration of posterior cul-de-sac	....	1	1	1	....	....	....	1
Ventral suspension; routine appendectomy	....	2	2	2	....	....	....	2
Prolapse of uterus								
Amputation of cervix uteri; hysterectomy; routine appendectomy	....	1	1	1	....	....	....	1
Amputation of cervix uteri; peri-neorrhaphy	....	2	2	2	....	....	....	2
Amputation of cervix uteri; peri-neorrhaphy; hysterectomy	....	1	1	1	....	....	....	1
Amputation of cervix uteri; peri-neorrhaphy; hysterectomy; routine appendectomy	....	1	1	1	....	....	....	1
Amputation of cervix uteri; peri-neorrhaphy; ventral fixation; routine appendectomy	....	1	1	1	....	....	....	1
Amputation of cervix uteri; round ligament suspension	....	1	1	1	....	....	....	1

Table B — Surgical Operations, 1919 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1920	Total
SECTION XXXVII								
Prolapse of uterus — continued								
Amputation of cervix uteri; round ligament suspension; routine appendectomy	....	1	1	1	....	....	....	1
Hysterectomy; routine appendectomy	....	1	1	1	....	....	....	1
Hysterectomy; salpingo-oöphorectomy; routine appendectomy	....	1	1	1	....	....	....	1
Interposition of uterus and bladder	....	1	1	1	....	....	....	1
Obliteration of posterior cul-de-sac; routine appendectomy	....	1	1	1	....	....	....	1
Round ligament suspension	....	2	2	2	....	....	....	2
Round ligament suspension; routine appendectomy	....	4	4	3	....	....	1	4
Salpingectomy; ventral fixation	....	1	1	1	....	....	....	1
Ventral fixation	....	6	6	6	....	....	....	6
Ventral suspension	....	7	7	7	....	....	....	7
Retrocession of uterus								
Round ligament suspension	....	1	1	1	....	....	....	1
Retroflexion of uterus								
Round ligament suspension; routine appendectomy	....	1	1	1	....	....	....	1
Retroversion of uterus								
Exploratory hysterotomy; ventral suspension; routine appendectomy	....	1	1	1	....	....	....	1
Hysterectomy; salpingo-oöphorectomy; routine appendectomy	....	1	1	1	....	....	....	1
Oöphorectomy; ventral suspension	....	1	1	1	....	....	....	1
Round ligament suspension	....	16	16	15	....	....	...1	16
Round ligament suspension; routine appendectomy	....	46	46	45	....	....	...1	46
Ventral fixation	....	11	11	10	1	....	....	11
Ventral fixation; routine appendectomy	....	1	1	1	....	....	....	1
Ventral suspension	....	12	12	11	....	....	...1	12
Ventral suspension; routine appendectomy	....	7	7	7	....	....	....	7

Table B — Surgical Operations, 1919 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1920	Total
SECTION XXXVII								
Stricture of cervical canal								
Hysterectomy	....	1	1	1	....	....	....	1
Ulceration of cervix uteri								
Amputation	....	1	1	....	....	....	1	1
E. Vagina								
Cystocele and rectocele								
Colpo-perineorrhaphy	....	5	5	5	....	....	....	5
Colpoplasty; perineorrhaphy	....	1	1	1	....	....	....	1
Colporrhaphy	....	4	4	4	....	....	....	4
Fistula, recto-vaginal								
Closure	....	1	1	1	....	....	....	1
Excision of tract of fistula	....	1	1	1	....	....	....	1
Fistulae, recto- and vesico-vaginal								
Closure	....	1	1	....	1	....	....	1
Fistula, vesico-vaginal								
Closure	....	1	1	1	....	....	....	1
1. Exploration of ureters. 2. Colpoplasty	....	1	1	1	....	....	....	1
Hysterectomy	....	1	1	1	....	....	....	1
Plastic	....	1	1	1	....	....	....	1
Rectocele								
Amputation of cervix uteri; anterior colporrhaphy	....	1	1	1	....	....	....	1
(Vaginal puncture, exploratory. No pathological condition found)	....	1	1	1	....	....	....	1
F. Vulva								
Abscess of Bartholin's gland								
Excision of abscess cavity	....	1	1	1	....	....	....	1
Excision of gland	....	5	5	5	....	....	....	5
Excision of labia minora	....	1	1	1	....	....	....	1
Incision and drainage	....	1	1	1	....	....	....	1
Bartholinitis								
Excision of gland	....	3	3	2	....	....	1	3
Incision and drainage	....	1	1	1	....	....	....	1

Table B — Surgical Operations, 1919 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1920	Total
SECTION XXXVIII								
Puerperal State								
Abortion								
Curettage	....	1	1	1	....	....	....	1
(*Abortion, therapeutic*)								
On account of exophthalmic goitre	....	1	1	1	....	....	....	1
On account of pyelitis	....	1	1	1	....	....	....	1
On account of tuberculosis	....	1	1	1	....	....	....	1
Abscess, puerperal, of breast								
Incision and drainage	....	2	2	1	1	....	....	2
Hemorrhage following miscarriage								
Transfusion	....	1	1	....	....	....	1	1
Laceration of cervix uteri (recent)								
Trachelorrhaphy	....	1	1	1	....	....	....	1
Laceration of perineum (recent)								
Perineorrhaphy	....	1	1	1	....	....	....	1
Miscarriage								
Dilatation and curettage	....	37	37	35	....	....	2	37
Parturition								
Cesarian section	....	34	34	26	....	4	4	34
Placenta previa (parturition)								
Cesarian section	....	1	1	1	....	....	....	1
Pregnancy, extra-uterine								
Hysterectomy; salpingo-oöphorectomy	....	2	2	2	....	....	....	2
Salpingectomy	....	1	1	1	....	....	....	1
1. Salpingectomy. 2. Oöphorectomy, for hemorrhage	....	1	1	....	1	....	....	1
Salpingectomy; routine appendectomy	....	2	2	2	....	....	....	2
Salpingo-oöphorectomy	....	6	6	6	....	....	....	6
Salpingo-oöphorectomy; routine appendectomy	....	3	3	2	....	....	1	3
Pyelitis with pregnancy								
1. Vaginal Cesarian section. 2. Transfusion for puerperal septicemia	....	1	1	....	....	1[a]	....	1

a See No. 143.

Table B — Surgical Operations, 1919 — Continued

Surgical Operations	Admitted			Discharged				
	Males	Females	Total	Relieved	Not Relieved	Died	In Hospital, Jan. 1, 1920	Total
SECTION XXXVIII								
Retained secundines								
Dilatation and curettage	....	5	5	5	....	....	....	5
Hysterectomy; routine appendectomy	....	1	1	1	....	....	....	1
SECTION XXXIX								
Diseases of the Breast (Non-Puerperal)								
Abscess								
Incision and drainage	....	1	1	1	....	....	....	1
Cystic disease								
Amputation of breast	....	7	7	7	....	....	....	7
Amputation of breast; dissection of axilla	....	1	1	1	....	....	....	1
Excision of diseased tissue	....	3	3	3	....	....	....	3
Mastitis, chronic								
Amputation of breast	....	5	5	5	....	....	....	5
Amputation of breast; dissection of axilla	....	1	1	1	....	....	....	1
Excision of tissue	....	1	1	1	....	....	....	1
Rudimentary breast								
Excision	....	1	1	1	....	....	....	1
SECTION XLI								
Unclassified								
Shock, traumatic								
Transfusion	1	....	1	1	....	....	....	1
(*Skin grafting*)	23	5	28	27	....	....	1	28
Totals	2365	2460	4825	4300	135	179	211	4825

TABLE C

SURGICAL OPERATIVE FATALITIES FOR 1919

AMPUTATION OF BREAST WITH DISSECTION OF AXILLA FOR Carcinoma.

1. Female. 58 years. Nineteen months previous to entry was operated upon in this hospital for carcinoma of left breast. Three months previous, noticed tumor of right breast which has steadily increased in size; slight lancinating pain. *Operation*, 2 days following admission. Ether. Amputation of right breast with dissection of axilla. Satisfactory convalescence; 12 days later, sudden attack of dyspnea, cyanosis and collapse; died in half an hour. Probable cause of death: Pulmonary embolism. Pathological report: Adenocarcinoma with metastases in axillary lymph nodes. No autopsy.

2. Female. 50 years. Patient found lump in right breast 1½ years previous to admission; enlarged slowly; slight pain; no other symptoms. Examination: Well developed and nourished; loud systolic murmur at base of heart; heart irregular; right breast contained mass size of lemon in right upper quadrant adherent to skin; gland size of walnut in axilla, not movable. *Operation*, 6 days after admission. Ether. Amputation of right breast and dissection of axilla; pectoralis major and minor removed. After operation patient became cyanotic; weak pulse; gradually failed and died 3 days following operation. *Anat. diag.:* Focal pneumonia of inferior lobe of right lung; arteriorsclerosis; acute degeneration of liver and kidneys; slight fatty metamorphosis of liver with increase of the interstitial tissue; adenocarcinoma of breast with metastases in axillary lymph nodes.

AMPUTATION OF FOREARM (RT.) AND ONE FINGER (LT.) FOR Gangrene.

3. Female. 37 years. Eight days previous to admission, septic bleb on finger of right hand, followed by sepsis of hand. Examination: Gangrene of last 3 fingers of right hand with sloughing of dorsum and palm. Left hand showed ring finger gangrenous at tip. *Operation*, day after admission. Ether. Amputation of third, fourth and fifth fingers of right hand through middle metacarpals. Good ether recovery. Six days after operation, septic temperature. *Operation*, 20 days after first. Gas and oxygen. Amputation of right forearm for sepsis. Patient failed rapidly after operation and died same day. Clinical cause of death: Septic arm; septicemia; hypostatic pneumonia. No autopsy.

AMPUTATION OF LEG FOR

Septic ankle, following compound fracture of tibia.

4. Male. 55 years. Two hours before entrance, received compound fracture of internal malleolus of left tibia, due to collapse of brick wall. *Immediate operation.* Ether. Débridement of fracture. *Operation,* 15 days after first. Gas, oxygen and ether. Dakin's solution; drainage of superficial sepsis. *Operation,* 27 days after second. Ether. Drainage of septic ankle joint. *Operation,* 8 days after third. Gas, oxygen and ether. Amputation of leg for sepsis. Patient in poor condition following operation; 2 days later, temperature, pulse and respirations rose and patient died. Clinical cause of death: Compound fracture of tibia; sepsis. No autopsy.

AMPUTATION OF PENIS FOR

Carcinoma.

5. Male. 70 years. One year before entrance patient noticed small pimple on dorsum of glans; doctored himself without results; lesion continued to spread; 5 weeks before admission began to have pain with serous discharge which became offensive; confined to bed; lesion bled easily; frequency of urination, every hour, day and night. Examination: Fairly developed and nourished; over glans and prepuce, an ulcerating mass with indurated base, edematous; enlarged gland in left groin, hard, discrete, movable, size of almond. *Operation,* 2 days following entrance. Ether. Amputation of penis for carcinoma with dissection of groins; several large glands on either side removed; urethra implanted in perineum; catheter in bladder. Patient improved for several weeks then temperature began to rise; became stuporous and died 1 month after operation. Clinical cause of death: Carcinoma of penis; erysipelas; hypostatic pneumonia. No autopsy.

AMPUTATION OF THIGH FOR

Gas bacillus infection following compound fracture of astragalus.

6. Female. 48 years. Two hours before admission fell from tree injuring ankle. Examination: Well developed and nourished; some shock; left foot lying at right angles to normal position; laceration extending over inner side with protrusion of tibia; moderate hemorrhage. *Immediate operation.* Ether. Compound fracture and dislocation left ankle; tip of malleolus removed; fracture of fibula 1 inch above ankle; wound painted with iodine, irrigated with salt solution; skin partially closed. *Operation,* 3 days after first. Ether. Amputation at mid-thigh for gas gangrene; partial closure of flaps, Dakin's tubes inserted. Very poor condition at end of operation and patient died following day. Clinical cause of death: Compound fracture of ankle; gas gangrene. No autopsy.

AMPUTATION OF THIGH FOR

Gas bacillus infection following compound fracture of tibia.

7. Male. 56 years. Entered emergency ward with diagnosis of compound fracture of tibia. General physical examination not remarkable; local, — deformity, swelling, tenderness, middle lower left leg; small punctured wound of back of left leg with muscle protruding. *Immediate operation.* Ether. Open reduction compound fracture tibia; wound cleaned with iodine; Dakin's tubes inserted; loose pieces of bone removed. *Operation,* 3 days after first. Ether. Multiple incisions, placing tubes for Carrel-Dakin

treatment. *Operation,* 14 days after first. Ether. Amputation mid-thigh; whole leg to above point of amputation septic. Pulse rapidly grew weaker and patient died 25 minutes after operation. Clinical cause of death: Compound fracture of tibia; diabetes mellitus; post-operative shock. No autopsy.

AMPUTATION OF THIGH FOR

Thrombosis of popliteal and posterior tibial arteries with gangrene of leg.

8. Male. 59 years. Transferred from medical service, with diagnosis of gangrene of leg. *Operation,* day of transfer. Novocain. Amputation mid-thigh for gangrene of leg. Patient steadily improved for about 4 weeks then suddenly failed and died. Clinical cause of death: Thrombosis of popliteal and posterior tibial arteries with gangrene of leg; auricular fibrillation. No autopsy.

AMPUTATION OF THIGH FOR

Tuberculosis of knee.

9. Male. 35 years. For 5½ months, pain and stiffness of right knee, with increased swelling. Examination: Lungs showed moist râles; right knee greatly swollen, held in 30 degrees flexion; temperature 101–102; pulse 100–150. *Operation,* 10 days after admission. Spinal novocain and ether. Amputation of thigh. Following operation, temperature remained elevated. Died 14 days after operation. *Anat. diag.:* Tuberculosis of lungs; diffuse miliary tuberculosis; tuberculous ulcers of ileum, with perforation; fibrinopurulent peritonitis; decubitus.

ANASTOMOSIS, LATERAL, FOR

Carcinoma of intestine.

10. Male. 70 years. For 6 months had abdominal pain of cramp-like nature. *Immediate operation.* Ether. Hard mass in region of cecum; small intestine greatly dilated; lateral anastomosis performed between terminal ileum and transverse colon. Patient in fair condition following operation; 4 days later temperature and pulse elevated; examination of abdomen showed slight distention; marked tenderness over right flank; condition became steadily worse; abscess in right flank tapped; thin pus obtained. Died 6 days after operation. Clinical cause of death: Carcinoma of cecum. No autopsy.

APPENDECTOMY FOR

Acute appendicitis.

11. Female. 24 years. Six days previous to entrance, seized with severe, colicky, abdominal pain; vomited next morning; took cathartics freely; pain has persisted ever since onset, though has been less severe. Examination negative, except for much spasm and tenderness in right lower quadrant. *Immediate operation.* Ether. Appendectomy with drainage; appendix retrocecal and firmly adherent; 1 cigarette wick. Day following operation, chill; next day, chill, temperature 106; running irregular septic temperature; lungs and abdomen negative; some pus in urine. X-ray on 20th day negative for subdiaphragmatic abscess; 25th day, scleræ slightly yellow. *Operation,* 27 days after first. Gas and oxygen. Right rectus incision; quantity of pus found above liver in region of right axillary line. Patent in considerable shock following operation, failed to rally and died. Clinical cause of

death: Pylephlebitis; subacute appendicitis; subdiaphragmatic abscess. No autopsy.

APPENDECTOMY FOR

Acute appendicitis with abscess.

12. Female. 60 years. Seized with general abdominal pain which localized in right lower quadrant; no vomiting. Examination showed general tenderness, most marked over appendix region. *Immediate operation.* Ether. Appendix found adherent in small abscess cavity; removed and drained. Prolonged ether recovery; face flushed; looked sick; very foul discharge. Five days after operation, septic temperature, wound foul; 18 days after operation, bronchopneumonia. Died 20 days after operation. Clinical cause of death: Acute appendicitis with abscess; bronchopneumonia. *Anat. Diag.:* Gangrenous appendicitis with abscess; subhepatic and subdiaphragmatic abscesses.

APPENDECTOMY FOR

Acute appendicitis with peritonitis.

13. Male. 52 years. For 3 days had abdominal pain in right lower quadrant, with vomiting. *Immediate operation.* Ether. Appendectomy with drainage for acute appendicitis; appendix found perforated near base; profuse peritonitis. Following operation, severe chills occurring several times a day, distention, and vomiting; third day, slight jaundice. Failure to rally, and death on ninth day after operation. Clinical cause of death: Peritonitis; pylephlebitis; abscess of liver (?). No autopsy.

14. Female. 10 years. Well up to 24 hours before entrance. Examination: Well developed and nourished girl; localized tenderness and muscle spasm in right lower quadrant, otherwise negative; white count 20,000. *Immediate operation.* Ether. Very cloudy fluid throughout abdomen; pussy material in pelvis; condition of appendix seemed hardly sufficient to account for purulent condition; pelvic organs normal. Patient grew gradually weaker and died 9 days after operation. Clinical cause of death: General peritonitis. No autopsy.

15. Male. 48 years. Duration, 2 weeks; pain in epigastrium; for 48 hours abdominal pain which grew more intense and localized. Examination: Well developed and nourished, flushed; abdomen board-like; tenderness greater on right side. *Immediate operation.* Ether. Gangrenous appendix, perforated at base; pelvis filled with pus. Improved for 3 weeks then rapidly grew worse and died 4 weeks after operation. Clinical cause of death: Acute appendicitis; general peritonitis; pulmonary embolism. No autopsy.

CHOLECYSTECTOMY FOR

Cholelithiasis.

16. Female. 58 years. For 1 year had digestive upsets, with sour stomach and pyrosis, accompanied by abdominal distention; morphine necessary to relieve pain; free from pain except during attacks which lasted a few hours. *Operation,* 5 days after entrance. Ether. Cholecystectomy; gall bladder contained many small stones; 4 days later temperature rose, coarse râles throughout both chests and consolidation in both lower lobes. Died 7 days after operation. Clinical cause of death: Cholelithiasis. No autopsy.

CHOLECYSTECTOMY FOR

Chronic Cholecystitis.

17. Female. 38 years. Pain in right upper quadrant and right shoulder for 9 months previous to admission, increasing in severity recurring every few days; high-colored urine with attack; nausea, vomiting and jaundice for 2 weeks. Examination: Well developed and nourished, jaundiced; systolic murmur over apex of heart; spasm and tenderness right upper quadrant; liver 2 fingers below costal margin. *Operation*, 8 days after admission. Ether. Cholecystectomy for cholelithiasis; large thickened gall bladder; common duct not drained. Patient in poor condition at end of operation, gradually failed and died 3 days later. Clinical cause of death: Chronic cholelithiasis; chronic nephritis. No autopsy.

CHOLECYSTECTOMY AND CHOLEDOCHOSTOMY FOR

Carcinoma of pancreas.

18. Male. 65 years. Entered hospital with diagnosis of carcinoma of liver. Examination: poorly nourished man, jaundiced; abdomen full, soft, tympanitic, no tenderness; irregular nontender mass below costal margin on right. *Operation*, 13 days after entrance. Ether. Exploratory laparotomy; hard nodular tumor of head of pancreas; large thick gall bladder excised; large common duct opened, no stones; tube sutured to common duct. Patient failed rapidly and died 6 days after operation. *Anat. diag.:* Adenocarcinoma of head of pancreas with obstruction and dilatation of bile ducts.

CHOLECYSTECTOMY AND CHOLEDOCHOSTOMY FOR

Cholelithiasis.

19. Female. 39 years. Four months ago had attack of abdominal pain; 15 attacks up to the present; severe attack 4 days ago, accompanied by jaundice. *Operation*, 4 days after admission. Ether. Cholecystectomy and choledochostomy for chronic cholecystitis; no stones found in common duct; pancreas hard throughout. Next day bronchopneumonia at right base; improvement from bronchopneumonia on sixth day; digestion of wound from discharge; gradual failure of general condition; subnormal temperature; 17 days later pulse became very rapid and feeble and patient died. Clinical cause of death: Cholecystitis; cholelithiasis; pancreatitis. No autopsy.

20. Male. 57 years. Chronic cough for 5 years; for 14 weeks constipation, with slight pain. *Operation*, 8 days after admission. Gas, oxygen and ether. Common duct and gall bladder enormously dilated; cholecystectomy; large stone removed from region of ampulla. Patient in poor condition following operation; cyanotic, cough, with much foul sputum; for 3 days, drainage of blood from sinus; on tenth day following operation, patient was found dead in bed during night. Clinical cause of death: Probably pulmonary embolism. No autopsy.

21. Female. 57 years. For 2 years, pain in right upper quadrant, through back and right shoulder, followed by nausea, vomiting and chills; jaundice 2 days later; many similar attacks. Examination: Well developed, somewhat obese, slight jaundice; abdomen negative. *Operation*, 3 days after entrance. Ether.

Large mass of adhesions in right upper quadrant; gall bladder small, atrophied; common duct drained. Improved slightly for few days, but gradually failed and died 24 days after operation. Clinical cause of death: Chronic cholecystitis; myocardial insufficiency. No autopsy.

22. Male. 47 years. Transferred from medical service with diagnosis of cholelithiasis. *Operation,* day of transfer. Ether. Cholecystectomy and choledochotomy; stone in dilated cystic duct impinging on common duct, removed; contracted gall bladder removed. Patient in slight shock following operation; 5 days after operation developed pneumonia, failed gradually and died on the 8th day. *Anat. diag.:* Hypostatic pneumonia; necrosis of pancreas; hemorrhage; septicemia, streptococci.

CHOLECYSTO-ENTEROSTOMY FOR

Carcinoma of pancreas.

23. Male. 34 years. Transferred from medical service with diagnosis of obstructive jaundice. *Operation,* day of transfer. Ether. Examination showed carcinoma head of pancreas; cholecysto-jejunostomy performed. Convalescence at first satisfactory, but 15 days after operation distention noted, which increased in spite of treatment; jaundice increased, distention persisted, and patient died 26 days after operation. Clinical cause of death: Unknown. No autopsy.

CHOLECYSTOSTOMY FOR

Carcinoma of gall bladder.

24. Female. 62 years. For 3 weeks had epigastric pain accompanied by vomiting and jaundice; loss of 20 lbs. in weight. *Operation,* day after admission. Ether. Thickened mass found around head of pancreas and common duct; gall bladder contained 1 stone; cholecystostomy. Considerable bleeding from wound on day after operation; next day slight bleeding from wound; considerable bleeding from needle puncture, where subpectoral was given; general condition failed steadily; became stuporous on fourth day and died in afternoon. Clinical cause of death: Carcinoma of common bile duct; cholelithiasis. No autopsy.

CHOLEDOCHODUODENOSTOMY FOR

Tumor (unspecified), of common duct.

25. Female. 22 years. For 3½ months had epigastric distress and vomiting, followed by jaundice. *Operation,* 5 days after admission. Ether. Gall bladder distended; tumor found at entrance of duct into duodenum; common duct drained. Patient in poor condition following operation; stuporous; pulse gradually became elevated, failed and died at end of second day. Clinical cause of death: Tumor of common duct; obstructive jaundice. No autopsy.

COLOSTOMY FOR

Carcinoma of rectum.

26. Female. 48 years. For 8 months had burning and itching of rectum, no bleeding; bowels constipated, movements loose; loss of 10 lbs. in weight. Examination showed carcinoma of rectum involving internal sphincter; heart showed evidence of mitral stenosis. *Operation,* 10 days after admission. Ether. Colostomy; extensive metastases in liver and behind peritoneum. Following operation, slight elevation of temperature; colostomy working well;

16 days later began to lose ground without apparent reason; gradually failed and died 19 days after operation. Clinical cause of death: Carcinoma of rectum. *Anat. diag.:* Carcinoma of rectum with metastases in retroperitoneal lymphatic glands, liver, and bronchial lymphatic glands; thrombosis of inferior cava and iliac veins; infarcts of lungs; chronic endocarditis of mitral and tricuspid valves.

COMBINED OPERATION FOR

Carcinoma of rectum.

27. Male. 53 years. Transferred from medical service with diagnosis of carcinoma of rectum. *Operation,* 4 days after transfer. Ether. First stage combined operation for carcinoma of rectum; colostomy. *Operation,* 6 days after first. Spinal anesthesia. Second stage amputation of rectum from below. Patient made good ether recovery; 6 days later vomited, abdomen markedly distended. *Operation,* 6 days after second. Ether. Loop of small intestine aderent to suture of pelvic floor, constricting colostomy loop; adhesions separated; ileostomy. Following operation, vomiting and distention continued, failed rapidly and died 4 days later. Clinical cause of death: Carcinoma of rectum. Pathological report: Carcinoma of rectum. No autopsy.

COMBINED OPERATION (FIRST STAGE) FOR

Carcinoma of rectum.

28. Male. 75 years. Three years previous, resection of sigmoid with end-to-end anastomosis for carcinoma of rectum; 6 months ago, return of pain and vomiting; loss of 60 lbs. in weight. Physical examination: No distention. X-ray diagnosis: Probably destructive lesions in sigmoid. *Operation,* day after admission. Ether. First stage combined operation for carcinoma of sigmoid; colostomy. Patient in poor condition following operation, failed rapidly and died 2 days later. *Anat. diag.:* Carcinoma of rectum; hypostatic pneumonia, left; edema of lungs.

COMBINED OPERATION (FIRST AND SECOND STAGES) FOR

Carcinoma of rectum.

29. Male. 60 years. For 1 year had pain and bleeding from rectum. *Operation,* 7 days after admission. Ether. Ligation of inferior mesenteric artery; dissection of pelvis; colostomy. Following operation, temperature 100, pulse 80, marked distention, with vomiting; gradual relief of distention, with failure of general condition. *Operation,* 11 days after first. Spinal anethesia. Amputation of rectum from below; no infection found around rectum. Gradual failure and death 17 days after first operation. Pathological report: Malignant adenoma. *Anat. diag.:* Fetid bronchitis; bronchopneumonia and gangrene of lungs; fibrinopurulent pleuritis, right.

COMBINED OPERATION (SECOND STAGE) FOR

Carcinoma of rectum.

30. Male. 52 years. For 1 year had bleeding from rectum. *Operation,* 6 days after admission. Ether. Colostomy; dissection of pelvis and ligation of superior hemorrhoidal vessels. *Operation,* 6 days after first. Spinal novocain. Perianal amputation of rectum; large abscess found in pelvis from sloughing of inverted distal end of rectum. Following operation, distention and vomiting. Died 13 days after first operation. Pathological

report: Malignant adenoma. *Anat. diag.:* Retroperitoneal pelvic abscess; general fibrinopurulent peritonitis; abscess of right lung; infarct of spleen; thrombus in left auricular appendix.

CRANIOTOMY AND DECOMPRESSION FOR

Extradural hemorrhage (traumatic).

31. Male. 26 years. Ten hours before admission, patient fell from a truck in railroad yard, striking on head. At time of admission general neurological examination negative; x-ray negative for fracture. Four hours later, patient restless, respirations became labored, blood pressure 125, pulse 60. *Operation,* day of entrance. No anesthetic. Decompression; large extradural hemorrhage from middle meningeal artery. Died 15 minutes after arrival in ward. Clinical cause of death: Fracture of skull; ruptured middle meningeal artery. No autopsy.

CRANIOTOMY AND DECOMPRESSION FOR

Fracture of skull.

32. Male. 17 years. Struck by automobile day of entrance. Examination: Well developed and nourished boy; could not answer questions, could move arms; swelling over left occipital region; pressure over this region caused blood which came from left ear; otherwise negative. *Operation,* day following admission. Ether. Decompression and drainage of extensive fracture of left parietal region; considerable laceration of dura and brain tissue. Temperature rose and patient died next day. *Anat. diag.:* Fracture of skull with associated hemorrhage (epidural), and lacerations and contusions of brain.

33. Male. 22 years. Few hours before admission, fell 4 flights in elevator shaft landing on head; found unconscious. Examination: Well developed young man perfectly comatose, breathing stertorously; deep lacerations of skull over occiput; mild hemorrhage; extensive hematoma over forehead. *Immediate operation.* No anesthesia. No fracture found under wound on vertex; right subtemporal decompression. Patient died on table. Clinical cause of death: Fracture of skull. No autopsy.

CRANIOTOMY AND DECOMPRESSION FOR

Glioma of brain.

34. Female. 40 years. For 5 months, twitching of right leg and arm, vomiting, weakness right side; rapid loss of sight, to blindness. Examination: Poorly developed and nourished, dull, apathetic; pupils enlarged, fixed; absolutely blind; tongue protruded; no sensory changes; motor aphasia; hemorrhages, edema, broken vessels and eye grounds; reflex present on left, absent on right. *Operation,* 3 days after admission. Novocain. Brain not under great tension; bleeding and breaking from tension. Patient grew weaker following operation and died 2 days later. *Anat. diag.:* Glioma of left cerebral hemisphere.

CRANIOTOMY AND DECOMPRESSION FOR

Neuroblastoma of cerebello-pontine angle.

35. Male. 3 years. For 3 years deviation to right of left eye; for 5 weeks, leaning towards right side, with tendency to stagger; recently, right arm and leg apparently partially paralyzed; for 2 weeks, headache. Neurological examination: Choked disc; paralysis of sixth and seventh nerves, left; marked Romberg; paralysis affecting right arm and leg. *Operation,* day after admission.

Ether. Suboccipital decompression for tumor of cerebella-pontine angle; on dislocating cerebellum to right side, a tumor could be seen far to front, not encapsulated; specimen taken; no attempt made at removal. Following operation, patient failed and died in 21 hours. Pathological report: Neuroblastoma. *Anat. diag.:* Glioma of pons and medulla; internal hydrocephalus.

CRANIOTOMY AND DECOMPRESSION FOR

Tumor (unspecified) of brain.

36. Female. 42 years. For 8 weeks intermittent pain in lumbar region, dull, steady, without radiation; vision blurred, worse; in bed 4 weeks, vomiting and anorexia. Examination: Well developed and nourished; eyes, — pupils, choked discs; right eye injected, sight affected; very little ataxia. *Operation,* 11 days after admission. Ether. Decompression; bone very thin; dura opened, brain not under tension; small black spot on one convolution, question of old hemorrhage. Improved after operation but gradually grew weaker and died 13 days later. Clinical cause of death: brain tumor. No autopsy.

37. Female. 40 years. For 6 months frontal headache, through eyes, vomiting, drowsiness. Examination: Well developed and nourished; mentally insufficient; incontinence of urine; head turned to left; pupils react sluggishly; knee jerks, right exaggerated; in stupor; history unobtainable. *Operation,* 4 days after admission. Ether. Right subtemporal decompression; great pressure; ventricular puncture unsuccessful; dura opened; brain protruded, ruptured. Became weak and died day following operation. Clinical cause of death: Brain tumor. No autopsy.

38. Male. 27 years. Admitted to hospital with diagnosis of cerebellar tumor. Examination: Well developed and nourished young man; walked with staggering gait; moderate nystagmus; could not hear whispered voice; knee jerks active; positive Romberg; trouble localized in right cerebellum. *Operation,* 3 weeks after admission. Ether. Cerebellar decompression; wide exposure; right lobe larger than left; hard mass localized in right cerebellum which could not be explored on account of hemorrhage. In shock at end of operation; gradually failed and died about 3 weeks after operation. Clinical cause of death: Cerebellar tumor; meningitis. No autopsy.

CRANIOTOMY AND DECOMPRESSION WITH DRAINAGE FOR

Fracture of base of skull, with subdural hemorrhage.

39. Female. 46 years. Half an hour before admission, patient slipped while stepping from electric car, falling on her head. Examination: Patient unconscious; blood pressure 100–180; became increasingly comatose. *Immediate operation.* Ether. Right subtemporal decompression; subdural hemorrhage probably from region of anterior lobe; rubber wick. Following operation still unconscious, temperature 102–103. Death on second day. Clinical cause of death: Fracture of base of skull; subdural hemorrhage. No autopsy.

CRANIOTOMY AND DECOMPRESSION WITH EXPLORATION OF CEREBRUM FOR

Abscess of brain.

40. Male. 20 years. For 28 days previous to admission, history of temperature of 105, pulse 110, discharge from ear. Ex-

amination: Fairly well developed and poorly nourished; partially conscious; loss of power of right arm, leg and face; incontinent; no Babinski. *Operation,* 2 days after admission. Ether. Area 1½ inches in diameter decompressed in left temporal parietal region; no increased pressure noted; left hemisphere of brain probed for abscess, no pus found nor any marked induration of brain substance; small rubber tissue drain left in place. Gradually failed after operation and died 4 days later. *Anat. diag.:* Streptococcus septicemia; abscess of brain and spleen; confluent bronchopneumonia.

CRANIOTOMY AND DECOMPRESSION WITH PARTIAL EXCISION OF

Glioma of cerebellum.

41. Female. 28 years. Fifteen years previous, drainage of cerebellar cyst; for 8 months, recurrence of severe headaches and vomiting; confined to bed. Examination: Brain hernia in left occipital region. *Operation,* day of entrance. Ether. Cerebellar decompression with partial removal of very large tumor and cyst filling the hernia and extending to right side of cerebellum. Patient in marked shock following operation, with moderate improvement; 6 days later patient became comatose and died on eighth day. *Anat. diag.:* Glioma of cerebellum; chronic tuberculosis of right kidney and ureter.

CRANIOTOMY WITH REMOVAL OF

Endothelioma of brain.

42. Male. 42 years. For 1½ years previous to admission, vomiting, dizzy spells, periods of blurred vision, severe frontal headaches, failing eyesight, right eye went first; blind 6 months; loss of equilibrium; no loss of consciousness. Examination: Well developed and nourished; vacant stare; pupils dilated, no reaction; fundi, choked whitened discs; atrophic changes; small hemorrhages; tongue protruded midline without tremor. *Operation,* 15 days after admission. Ether. Osteoplastic craniotomy; tumor found in front of right temporal lobe; 1st-stage operation; transfusion. Operation, 5 days after first. Ether. Stitches removed; considerable pus around stitches. *Operation,* 3 days after second. Old flap turned down; tumor freed with blunt dissection; tumor removed complete; considerable hemorrhage; condition poor; died following day. Pathological report: Endothelioma. *Anat. diag.:* Hemorrhagic edema of lungs; septicemia, streptococci, staphylococci.

CYSTOSTOMY, SUPRAPUBIC, FOR

Carcinoma of bladder.

43. Male. 47 years. Three months previous to entrance, incontinence, some blood; pain over bladder region, burning pain on urination, frequency urgent. Examination: Pale, thin man. *Operation,* day following entrance. Spinal anesthesia. Cystoscopy showed large necrotic growth, bleeding easily, apparently surrounding neck of bladder; impossible to tie pedicle or ureter. *Operation,* day after first. Gas, oxygen and ether. Suprapubic cystostomy; large growth near right ureter removed with excisor and curette; base cauterized; base of bladder on right infiltrated and attempt at excision impossible. Patient failed to improve after operation and died one month later. Clinical cause of death: Carcinoma of bladder. No autopsy.

CYSTOSTOMY, SUPRAPUBIC, FOR

Diverticulum of bladder.

44. Male. 59 years. Fourteen weeks previous, cystotomy performed with removal of 2 stones; persistent discharge from wound. *Operation*, 3 days after admission. Gas, oxygen and ether. Incision and drainage of ischio-rectal and periurethral abscesses. Following operation, improvement in general condition; regular temperature; wound closing in. Cystoscopy on twentieth day showed diverticulum of bladder. *Operation*, 28 days after first. Gas and oxygen. Suprapubic cystostomy; bladder much contracted; considerable induration around diverticulum; no attempt made to excise diverticulum; drain placed in bladder; bladder closed. Following operation, patient failed gradually and died on fifteenth day. *Anat. diag.:* Cystitis and gangrene of bladder; pyonephrosis with pyelonephritis, left kidney; actinomycosis and tuberculosis of left kidney; localized fibrinopurulent peritonitis; acute endocarditis of mitral valve; nephrolithiasis of right kidney and ureter.

CYSTOSTOMY, SUPRAPUBIC, AND CAUTERIZATION FOR

Carcinoma of bladder

45. Male. 33 years. Five weeks before admission, sharp intermittent pain in lower back radiating through front; week later noticed some discharge from urethra which increased; burning during and following micturition, no blood. Examination: Fairly developed and nourished; abdomen rigid, no masses; superficial veins on left side of abdomen prominent; rectal examination, — prostate very large, nearly filling all passage, soft and smooth. *Operation*, day following entrance. Ether. Suprapubic cystostomy for carcinoma of bladder; bladder apparently filled with tumor; hard mass found infiltrating right lateral wall of bladder, extending onto pelvic wall; mass of necrotic tissue scooped out; cavity 2 inches in diameter lined with slough, cauterized; large tube in bladder. Patient failed to improve after operation and died 1 month later. *Anat. diag.:* Carcinoma of bladder; chronic tuberculosis of lungs; streptococcus septicemia.

DÉBRIDEMENT OF

Multiple lacerated wounds (deep).

46 Male. 36 years. Shortly before admission patient was struck by moving railroad engine. Examination: Conscious, in shock; lacerated wound of left leg from mid-thigh to mid-calf; lacerated wound of right knee opening joint; lacerated wound over right shoulder posteriorly. *Operation*, 2 hours after admission, after treatment of shock. Ether. Débridement of wounds; suture of capsule of knee-joint. Following day, considerable improvement in general condition; hiccoughed considerably; 2 days later pulse rate increased, failed to rally and died. Clinical cause of death: Multiple lacerated wounds; shock. No autopsy.

DISSECTION OF NECK AND DRAINAGE OF

Retropharyngeal abscess.

47. Male. 29 years. Transferred from medical service with diagnosis of thrombosis of right internal jugular vein, abscess of right side of neck and septicemia. *Operation*, day of transfer. Ether. Incision of abscess of right side of neck; teacupful of foul pus located and expressed. During operation, sudden death. Clinical cause of death: Probably from embolus. No autopsy.

DISSECTION OF NECK WITH RESECTION OF JAW FOR

Carcinoma.

48. Male. 54 years. For 1½ years spot on inside of lip which began to grow 2 months before admission; swelling and smarting; local excision at outside hospital followed by rapid increase of growth. Examination: Well developed and nourished; definite fulness in right cheek, lower jaw and submaxillary region, involving lower jaw and gum on right side; hard, not tender; large submaxillary glands present. *Operation,* 1 week after admission. Ether. Resection of right jaw from symphysis, contents of submaxillary triangle and surrounding tissue removed with jaw. Failed to gain strength and died 6 weeks after operation. Clinical cause of death: Carcinoma of jaw; bronchopneumonia. No autopsy.

ESOPHAGOSCOPY FOR

Carcinoma of esophagus.

49. Female. 30 years. For 6 months had pain and difficulty in swallowing; for 10 days was unable to swallow anything because of coughing spasms. Esophagoscopy: Unable to pass probe; specimen taken. Gastrostomy refused. Died 12 days after admission. Pathological report: Epidermoid carcinoma. Clinical cause of death: Carcinoma of esophagus. No autopsy.

50. Female. 60 years. Difficulty in swallowing for 25 years previous to admission; dysphagia grew worse, hard to swallow large pieces of food; swelling went down; 3 months previous to admission worse; for 3 weeks no symptoms; week before admission, no fluids. Examination: Well developed, emaciated; in delirium, rapid breathing; examination negative. Immediate operation. Ether. Esophagoscopy; lumen of esophagus closed at 10 inches from teeth; no. 27 bougie passed into stomach. Patient did not gain consciousness, died 10 hours after operation. *Anat. diag.:* Carcinoma of esophagus with sinus formation, extension through wall and into lumen of trachea; metastases of lymph nodes; bronchopneumonia; pneumococcus septicemia.

EXCISION OF JAW AND DISSECTION OF NECK FOR

Carcinoma of jaw.

51. Male. 70 years. Four months previous to admission, toothache right lower jaw; one month later found lump; steady increase in size; not ulcerated. Examination: Well developed and nourished elderly man; midway between angle and tip of right lower jaw was a hard tumor, size of orange, of bone-like consistency, slightly tender. *Operation,* 15 days after entrance. Ether. Mass including right lower jaw removed through dissection of neck. Pathological report: Epidermoid carcinoma with metastases in the regional lymph nodes. Temperature gradually rose and patient died 7 days after operation. Clinical cause of death: Epidermoid carcinoma of lower jaw. No autopsy.

EXCISION OF

Meningomyelocele.

52. Female. 7 weeks. At birth, tumor of spine, size of lemon, in lower lumbar region. Examination: Fairly well developed, well nourished baby; head abnormal in size, very prominent occiput, fontanels open, bulging; in lower lumbar region, mass size of

lemon over which skin was thin and shiny; not eroded. *Operation,* 2 days after admission. Ether. Excision of meningomyelocele; cauda equina extensively involved in sac; nerve tissue dissected off; sac removed; aponeurotic flaps raised on each side and sutured in midline. Patient improved for 2 weeks following operation, then became cyanotic; pulse and respirations rose and patient died 15 days after operation. *Anat. diag.:* Internal hydrocephalus; slight opening of foramen ovale.

EXCISION OF RECTUM FOR

Carcinoma.

53. Male. 56 years. Three months, pain in right leg; constant, increasing; month later noticed blood in stools at irregular intervals; increasing constipation. Examination: Well developed, emaciated; right side of abdomen held rigid; lower abdomen tender; superficial veins prominent; rectal examination, — hard tender cauliflower mass 2 inches above sphincter, movable, attached to anterior wall; inguinal glands present. *Operation,* 2 days after admission. Ether. Carcinoma of rectum; lower sigmoid and rectum resected. Improved for 5 days then failed rapidly and died 6 days following operation. Clinical cause of death: Carcinoma of rectum. No autopsy.

EXCISION OF SPECIMEN, AND SUPRAPUBIC CYSTOSTOMY FOR

Carcinoma of urethra.

54. Male. 64 years. Frequent micturition 12 years previous to admission; 7 months, slowness in starting; increasing pain in perineum; burning micturition. Examination: Large well developed man; both lungs full of coarse moist râles; bladder half way to umbilicus; large uniform tumor, size of fist, in perineum, very tender and hard; large varicose veins both legs. *Operation,* day of admission. Novocain and spinal. Median incision into hard brittle mass about bulbous urethra; specimen removed for diagnosis; suprapubic cystostomy, bladder negative. Patient improved for 2 weeks, then grew weaker and died about 3 weeks after operation. Clinical cause of death: Epidermoid carcinoma of urethra. No autopsy.

EXPLORATORY CRANIAL PUNCTURE FOR

Abscess of brain.

55. Male. 60 years. Transferred from nerve service with diagnosis of brain abscess. *Operation,* day of transfer. Novocain. Exploratory cranial puncture; dura opened; 4 punctures made in temporal and parietal lobes; bloody fluid obtained, apparently from ventricle. Gradually failed and died 2 days after operation. *Anat. diag.:* Gliomatous cerebral hemispheres; bronchopneumonia; slight arteriosclerosis; acute degeneration of kidneys.

FREEING LANE'S KINK FOR

Acute intestinal obstruction.

56. Male. 67 years. Two weeks previous to admission had constipation and abdominal pain; no vomiting. X-rays of gastrointestinal and urinary tracts negative. Constipation and abdominal pain continued. *Operation,* 2 weeks after admission. Ether. Exploratory laparotomy; Lane's kink at terminal ileum; freed; 2 days later temperature 100–101; bronchopneumonia on right; gradual failure; consolidation developed in chest, temperature up.

Death on twentieth day following operation. Clinical cause of death: Intestinal obstruction; Lane's kink; bronchopneumonia. No autopsy.

GASTRECTOMY, PARTIAL, WITH GASTRO-ENTEROSTOMY FOR

Carcinoma of stomach.

57. Male. 55 years. For 8 months, pain in epigastrium radiating to back, relieved by eating, no vomiting or nausea; for 3 months previous to admission, pain all the time; general condition failed though pain was relieved by treatment, food or soda. Examination: Well developed and nourished; abdomen, — no masses, tenderness or spasm. X-ray: Penetrating ulcer middle lesser curvature of stomach. *Operation*, 3 days after entrance. Ether. Partial gastrectomy including ulcer in lesser curvature of stomach; gastro-enterostomy. *Operation*, 5 days after first. Exploratory operation; considerable fluid in abdomen; no perforation found; wound closed, with drainage. Patient rapidly failed and died 5 hours after operation. Clinical cause of death: Carcinoma of stomach. No autopsy.

GASTRO-ENTEROSTOMY FOR

Carcinoma of stomach.

58. Male. 56 years. For 6 weeks previous to admission, very constipated; stools watery, no blood; loss of strength and weight; unable to eat, food caused pain all over abdomen; vomited food every meal. Examination: Fairly well developed and poorly nourished; abdomen, — slight fulness in epigastrium; tenderness over mass in epigastrium. *Operation*, day of entrance. Ether. Large nodular tumor of pyloric end of stomach involving pancreas; extensive carcinoma; anterior gastro-enterostomy. *Operation*, 9 days after first. Ether. Repair and secondary suture of abdominal wall. Following second operation patient became weak and died 2 days later. Clinical cause of death: Carcinoma of stomach. No autopsy.

59. Male. 48 years. Loss of weight for 1 year previous to admission; gas and discomfort in epigastrium, loss of appetite; vomiting at times, containing food 2 days old, no blood; later coffee-ground vomiting; grew weaker; loss of weight, 35 pounds. Examination: Well developed, emaciated, marked pallor; in epigastrium, rough hard irregular tumor moving with respiration, tender. *Operation*, 2 days after entrance. Enormous tumor involving lower third of stomach; anterior gastro-enterostomy. Patient rapidly failed and died 5 days after operation. *Anat. diag.:* Carcinoma of stomach with metastases; fibrinopurulent peritonitis; acute fibrinous pleuritis; streptococcus septicemia.

60. Male. 58 years. Duration, 5 months; gradual onset; gastric distress, constipation, pain, not localized, vomiting, loss of weight and strength; condition did not improve with treatment. Examination: Fairly well developed, somewhat emaciated; abdomen retracted; mass in epigastrium, no spasm or tenderness. *Operation*, day of admission. Ether. Exploratory laparotomy; inoperable carcinoma of stomach; palliative anterior gastro-enterostomy. Five days after operation, patient became pulseless, heart failed and died. *Anat. diag.:* Carcinoma of stomach; localized fibrinopurulent peritonitis; dilatation of heart; edema of lungs; thrombosis left iliac veins; streptococcus septicemia.

61. Male. 58 years. Transferred from medical service with diagnosis of carcinoma of stomach. *Operation*, day of transfer.

Ether. Posterior gastro-enterostomy for carcinoma of stomach; tumor size of small apple occupying pyloric region; undoubtedly carcinoma; mass of enlarged glands in mesentery. In fair condition following operation; following day temperature rose and pulse became rapid; in the evening became much worse and died 2 days after operation. Clinical cause of death: Carcinoma of stomach; bronchopneumonia. No autopsy.

GASTRO–ENTEROSTOMY FOR

Duodenal ulcer.

62. Male. 40 years. Five weeks before admission, began to have epigastric distress accompanied by vomiting; unable to retain anything. *Operation,* day of entrance. Ether. Posterior gastro-enterostomy; old duodenal ulcer obstructing ileum and duodenum, which suggested malignancy. Following operation, patient in stupor, with twitching and convulsions. Died day after operation. Clinical cause of death: Duodenal ulcer; uremia. No autopsy.

GASTRO–ENTEROSTOMY, SECONDARY, FOR

Duodenal ulcer.

63. Male. 47 years. Previous gastro-enterostomy at this hospital for old healed ulcer of duodenum, constricting lumen, September, 1918. Patient was relieved until 6 months ago, since then recurring epigastric distress relieved by induced vomiting. *Operation,* 5 days after admission. Ether. Induration around stoma of gastro-enterostomy, with much thickening; stoma completely disconnected and new anastomosis done between old openings; duodenal ulcer with slight red stippling and contraction near pylorus. Patient in marked shock following operation, and died next day. Clinical cause of death: Duodenal ulcer. No autopsy.

GASTROSTOMY FOR

Carcinoma of esophagus.

64. Male. 42 years. Five months previous to admission, began to have difficulty in swallowing; unable to swallow fluids. Examination: Tumor of parotid extending up from mediastinum. *Operation,* day after entrance. Novocain. Gastrostomy. Patient very toxic following operation; interference of breathing from pressure of tumor. Died 3 days after operation. Clinical cause of death: Carcinoma of esophagus. No autopsy.

65. Male. 46 years. For 3 months previous to admission, difficulty in swallowing; for 6 weeks impossible to swallow solids; 2 days before admission impossible to swallow liquids; large amount of blood vomited. Examination: Negative except for emaciation. X-ray: Carcinomatous mass filling esophagus, second portion. *Operation,* 6 days after first. Ether. Gastrostomy; rubber tube sewed into stomach. *Operation,* 3 days after first. Ether. Second catheter sewed into stomach. Failed gradually and died 3 days after second operation. Clinical cause of death: Carcinoma of esophagus. No autopsy.

HYSTERECTOMY FOR

Fibromyoma of uterus.

66. Female. 42 years. Influenza 4 weeks before entrance; at that time noticed round hard nontender tumor in lower abdomen,

size of small orange; tumor increased. Examination: Well developed and nourished; systolic murmur over aortic area and apex; soft presystolic murmur at apex; no thrill; extending about 4 fingers above symphysis a large symmetrical, hard, nontender tumor was felt; pelvic examination, — tumor found freely movable, rounded, apparently uterus. *Operation,* day following entrance. Ether. Hysterectomy for uterine fibroid; appendectomy. Three days after operation became severely nauseated, tympany increased and patient died on the fourth day. *Anat. diag.:* Operation wounds, hysterectomy, appendectomy; general peritonitis; necrosis of wall of cecum with perforation.

67. Female. 42 years. Entered hospital with diagnosis of uterine fibroid. Examination: Well developed, obese woman; heart definitely enlarged, systolic murmur; abdomen rounded; large mass extending from symphysis to 2 fingers above umbilicus, not tender, lobulated. *Operation,* day following admission. Ether. Fibroid size of grape fruit, complicated with inflammatory adhesions, sigmoid adherent to tumor; mass freed, removed with difficulty; operation very difficult. Patient died without recovering consciousness. *Anat. diag.:* Streptococcus septicemia; tuberculosis of bronchial lymph nodes; acute degeneration of myocardium and kidneys; hypertrophy and dilatation of heart; edema of lungs.

HYSTERECTOMY AND SALPINGO-OÖPHORECTOMY FOR

Fibromyoma of uterus.

68. Female. 40 years. Entered hospital with diagnosis of fibroid of uterus; abdominal pain for years. Examination: Well developed, badly nourished woman; systolic murmur of heart; abdomen, — tenderness between umbilicus and anterior superior spine; mass about size of orange felt above symphysis. *Operation,* day following entrance. Ether. Supravaginal hysterectomy; both tubes and ovaries removed. Patient failed rapidly and died 3 days after operation. Clinical cause of death: Fibromyomata; pneumonia (?). No autopsy.

ILEOSTOMY FOR

Colitis.

69. Male. 61 years. For 2 years had diarrhea with loss in weight; for 6 months noticed blood in stool. Proctoscopy showed ulcerated mass constricting bowel. *Operation,* day after entrance. Gas and oxygen. Ileostomy; whole colon thickened, definite colitis. Following operation, condition gradually failed, with loss of appetite. Death on twenty-eighth day. Clinical cause of death: Colitis polyposa. No autopsy.

INCISION AND DRAINAGE OF

Carbuncle of lip.

70. Male. 19 years. For 3 days had swelling of lower lip. Examination showed carbuncle involving entire lower lip. *Operation,* day after entrance. Ether. Multiple incisions. Following operation, extensive double pneumonia involving both lower lobes; developed carbuncle involving side of face and head; blood culture showed staphylococcus aureus. Died on sixth day after operation. Clinical cause of death: Carbuncle of lip; staphylococcus septicemia; lobar pneumonia. No autopsy.

INCISION AND DRAINAGE OF

Carbuncle of neck.

71. Male. 51 years. For 2 weeks previous to entrance had carbuncle of neck. Examination showed red, firm, indurated area on back of neck which discharged pus; diabetes mellitus. Diabetic treatment; vaccine. *Operation,* 5 days after entrance. Gas and oxygen. Crucial incision of carbuncle; packed. Two days later, coma. Died 3 days after operation. Clinical cause of death: Carbuncle of neck; diabetes mellitus. No autopsy.

INCISION AND DRAINAGE FOR

Ischio-rectal abscess.

72. Female. 46 years. For 2 weeks had pain left side of anus. Examination showed tenderness and swelling in left perianal region; patient very fat. *Operation,* day after entrance. Ether. Drainage of ischio-rectal abscess. One week after operation, morning temperature 105, respirations 40; pneumonia on left. Death on thirteenth day after operation. Clinical cause of death: Ischio-rectal abscess; bronchopneumonia. No autopsy.

INCISION AND DRAINAGE OF

Septic ankle.

73. Male. 8 months. For past 4 days mother has noticed baby was unable to move right foot. On examination, there was an area of redness and tenderness over external malleolus of right ankle. *Operation,* day of admission. Ether. Incision and drainage of abscess over right external malleolus. Following operation, temperature 103.4; moise râles in both lungs; pneumonia. Died on eighth day following operation. Clinical cause of death: Septic ankle; bronchopneumonia. No autopsy.

INCISION AND DRAINAGE OF

Septic hand.

74. Female. 55 years. Four days before admission, ran needle into proximal phalanx of 4th left finger; next day finger became sore and swollen; 2 days before admission became nauseated, finger grew painful and more swollen, swelling extending to hand and up arm, spreading rapidly; no chills. *Operation,* day of admission. Ether. Bilateral incisions proximal phalanx 4th and 5th left fingers; considerable pus, apparently superficial to tendon; incision between 4th and 5th metacarpophalanges; rubber drain. Following operation became irrational, general condition worse and patient died 3 days after operation. Clinical cause of death: Septic hand; septicemia. No autopsy.

INFOLDING OF ULCER AND GASTRO-ENTEROSTOMY FOR

Perforated duodenal ulcer.

71. Male. 51 years. For 2 weeks previous to entrance had before admission, sudden severe pain in epigastrium. *Immediate operation.* Ether. Suture of perforated duodenal ulcer; posterior gastro-enterostomy; drainage. Convalescence satisfactory for 12 days, then temperature gradually increased; on twenty-first day X-ray showed subdiaphragmatic abscess. *Operation,* 25 days after first. Novocain and adrenalin. Resection of rib; closure of pleural cavity; small abscess in substance of liver drained. Temporary improvement following operation, then patient failed gradually and died 20 days after second operation. Clinical cause of death: Abscess of liver; sepsis. No autopsy.

IRRIGATION OF WOUND AND SUTURE FOR

Compound comminuted fracture of skull.

76. Male. 36 years. One hour before admission while working in railroad yards was struck in head by locomotive; unconscious for 5 minutes then regained consciousness; brought to hospital in ambulance. Examination: Well developed and nourished; partly conscious but somewhat cloudy, restless; lacerated wound left upper forehead extending down to bone; 4-inch right upper occipital lacerated wound extending down to bone; superficial abrasions on left shoulder and both hands; question of blood in both ears; knee jerks normal. X-ray: Evidence of fracture in right upper occipital region. *Immediate operation.* Ether. Cleansing and suturing of skull wounds. Following operation patient rapidly failed and died next day. Clinical cause of death: Compound comminuted fracture of skull. No autopsy.

KILLIAN OPERATION AND DRAINAGE FOR

Orbital cellulitis.

77. Male. 54 years. For 2 weeks headache above the eyes; 1 week fever. Examination suggests thrombosis of cranial sinus or pus in ethmoid. *Operation,* 4 days after admission. Ether. Killian operation; incision and drainage of orbital abscess. Following operation, patient gradually failed, and died 3 days after operation. Clinical cause of death: Orbital abscess; sepsis. No autopsy.

LAPAROTOMY WITH DRAINAGE FOR

Abdominal abscess.

78. Male. 75 years. Three months previous to admission, abdominal pain, cramp-like, upper abdomen; no nausea or vomiting; no bowel movement for 5 days; distention in epigastrium. Examination: Fairly well developed, poorly nourished, severe pain in lumbar region; skin cold, cyanotic, perspiring; systolic murmur over whole precordia; pulse rapid, regular, poor in quality; upper abdomen distended with large moderately tender cystic mass, not movable. *Immediate operation.* Spinal anesthesia. Median incision; large abscess beneath liver extending toward pancreas opened, drained. Gradually failed and died 3 days after operation. Clinical cause of death: Abscess of liver. No autopsy.

LAPAROTOMY, EXPLORATORY, FOR

Acute intestinal obstruction.

79. Female. 12 years. Entered emergency ward with diagnosis of acute intestinal obstruction. Examination: Emaciated; skin dry, very red; pupils dilated; tongue, heavy yellow coat, dry; marked acetone breath; abdomen full, tense, tympanitic; lower abdomen dull to percussion; marked spasm over entire abdomen; slight tenderness by rectum, high on both sides. *Immediate operation.* Ether. Obstruction of small intestine due to adhesions; tube sewed into gut above obstruction as condition did not warrant further operation. Patient in severe shock following operation, failed and died about 2 hours later. *Anat. diag.:* Chronic peritonitis with intestinal obstruction; hemorrhagic edema of lungs.

LAPAROTOMY, EXPLORATORY, FOR

Carcinoma, general, of abdomen.

80. Male. 33 years. Transferred from medical service with diagnosis of tuberculosis of peritoneum. *Operation,* day of trans-

fer. Ether. Exploratory laparotomy; much free fluid in abdomen; everywhere multiple tubercles; mass of hard nodular omentum; no primary focus of disease found; process that of malignancy. Patient failed to improve and died 5 days after operation. Clinical cause of death: General abdominal carcinoma. No autopsy.

LAPAROTOMY, EXPLORATORY, FOR

Carcinoma of pancreas.

81. Male. 6 years. Transferred from orthopedic service on account of increasing jaundice, with enlargement of liver. *Operation*, day after transfer. Ether. Exploratory laparotomy for carcinoma of head of pancreas. Following operation, gradual failure and increased coma. Death on thirteenth day. *Anat. diag.:* Adeno-carcinoma of liver, with metastases in retroperitoneal lymph nodes; occlusion of bile ducts; hypostatic pneumonia.

LAPAROTOMY, EXPLORATORY, FOR

Carcinoma of stomach.

82. Male. 51 years. Transferred from medical service with diagnosis of gastric carcinoma. *Operation*, day of transfer. Ether. Exploratory laparotomy for carcinoma of stomach involving lower third, omentum, and regional glands; mass adherent to liver without nodulation; no indication for gastro-enterostomy. In poor condition at end of operation, failed rapidly and died on the fourth day. Clinical cause of death: Carcinoma of stomach. No autopsy.

83. Female. 60 years. For one year previous to admission, failing weakness, exhaustion; gave up work; rapid loss of weight; no other symptoms; several months later marked constipation; for 2 months gradual enlargement of abdomen, no pain. Examination: Systolic murmur at base; abdomen moderately distended and tense, dullness in both flanks; rectal, — large mass felt in right side high up, movable, hard, otherwise negative. *Operation*, 11 days after entrance. Ether. Exploratory laparotomy; whole colon hard, contracted; mesentery everywhere full of hard nodular feeling infiltration; primary carcinoma of stomach with general peritoneal involvement. Died 10 days after operation. Clinical cause of death: Carcinoma of stomach. No autopsy.

84. Male. 56 years. For 4 weeks has had pain in epigastrium after eating; recently daily vomiting. Examination showed irregular, nodular, non-tender mass in epigastrium. *Operation*, 10 days after admission. Carcinoma of pyloric region; radical removal not possible; posterior gastro-enterostomy. Vomiting persisted following operation, temperature rose, failed gradually and died. Clinical cause of death: Carcinoma of pyloric end of stomach; exhaustion. No autopsy.

LAPAROTOMY, EXPLORATORY, FOR

Cholelithiasis.

85. Male. 64 years. Two days before admission, severe pain in epigastrium; nauseated; vomiting, frequent; pain became localized in right lower quadrant; abdomen distended, tender all over; no previous attacks. Examination: Well developed and nourished elderly man; heart moderately enlarged; systolic murmur at base; abdomen distended, tympanitic; right side spastic; tenderness most marked in right lower quadrant; no masses; slight enlargement of prostate. *Immediate operation.* Ether. Exploratory laparotomy; abdomen full of old blood; stones felt in gall bladder; 1 cigarette wick to head of pancreas, condition of which not determined; rapidly became worse and died 2 days after opera-

tion. *Anat. diag.:* Cholelithiasis; acute peritonitis; arteriosclerosis; hypertrophy and dilatation of heart; hemorrhagic edema of lungs.

LAPAROTOMY, EXPLORATORY, FOR

(Diagnosis).

86. Male. 29 years. Twenty minutes before admission, patient was found lying on back of cement floor, to which he had apparently fallen, a distance of 40 feet; seemed conscious when found; pillow splint applied to right leg before admission to hospital. Examination: Well developed and nourished, in cold sweat; lips livid, tongue pale; conscious and answered questions; extremities, — right leg outwardly rotated at knee, paralyzed; fracture of right thigh, question of fracture of spine. *Immediate operation.* Novocain. Exploratory laparotomy; no evidence of ruptured viscus. Rapidly failed and died 3 hours after operation. Clinical cause of death: Fractured spine; fractured femur; surgical shock. No autopsy.

LAPAROTOMY, EXPLORATORY, FOR

Duodenal ulcer.

87. Male. 45 years. Transferred from medical service with diagnosis of duodenal ulcer. *Operation,* day of transfer. Ether. Took ether badly; thick abdominal wall, much omentum loaded with fat; impossible to mobilize stomach and intestine enough to make operation safe; not possible to reach appendix. Patient improved somewhat for several days but became irrational and died one week after operation. Clinical cause of death: Duodenal ulcer; question of general peritonitis. No autopsy.

LAPAROTOMY, EXPLORATORY, FOR

Internal hemorrhage.

88. Male. 44 years. An hour and a half before entrance, was shot through lower chest; in marked shock. *Operation.* about 3 hours after entrance. No anesthetic. Transfused 500 c. c. of blood; exploratory laparotomy; abdomen filled with blood, apparently coming from stomach and liver; packed. Patient died 30 minutes after operation. Clinical cause of death: Gunshot wound of abdomen; internal hemorrhage; shock. No autopsy.

LAPAROTOMY, EXPLORATORY, FOR

Multiple abscesses of liver.

89. Male. 58 years. Fifteen years before admission, sudden, sharp, colicky, epigastric pain radiating to interscapular region, brought on by overeating; required morphia; after that about one attack a year; at times awakened by it from sleep; lasted from one to five days; attack one week before admission followed by jaundice. Examination: skin and sclerae jaundiced; senile heart; arteriosclerosis. *Operation,* day of entrance. Spinal anesthesia. Exploratory laparotomy; liver studded with small bile cysts; no primary tumor found; gall bladder not seen; process suggested malignant disease. Patient failed and died 11 days after operation. Clinical cause of death: Multiple abscesses of liver. No autopsy.

LAPAROTOMY, EXPLORATORY, FOR

Perforated duodenal ulcer.

90. Male. 49 years. Eighteen hours before entrance was seized with severe general abdominal pain; vomited. Examination:

Patient in profound shock; skin cyanotic, abdomen distended, board-like; pulse 168, irregular; temperature 106. *Operation*, day of entrance. Ether. Died on operating table as incision was made. Clinical cause of death: Perforated doudenal ulcer; general peritonitis. No autopsy.

LAPAROTOMY, EXPLORATORY, FOR

Sarcoma of kidneys.

91. Male. 37 years. Five months ago noticed blood in urine, since then, recurrent pain in left lower quadrant. Examination showed mass filling left upper quadrant. *Operation*, day following admission. Ether. Exploration of kidney tumor; exploration of left kidney showed it to be inoperable; palpation of right kidney showed it to be large, irregular, with nodules and soft places over entire surface. Good ether recovery. During day became very much distended, respirations suddenly became gasping and labored, and patient died 2 days after operation. *Anat. diag.:* Operation wound; emphysematous gangrene of spleen; septicemia (bacillus aerogenes capsulatus); lipo-leio-myo-sarcoma of both kidneys.

LAPAROTOMY, EXPLORATORY, FOR

Tuberculosis of peritoneum.

92. Female. 41 years. Three weeks before admission noticed stools were loose, then tarry; constipated; took medicine; no movement for 4 days, no pain; soreness in lower abdomen. Examination: Emaciated middle-aged woman; systolic murmur at apex; abdomen distended; umbilicus protruded, tympanitic; no mass felt. *Operation*, week after admission. Ether. Exploratory laparotomy; abdominal cavity massed with tuberculous nodules; large tumor mass in omentum; nodules in liver; origin not found. *Operation*, 10 days after first. Novocain. Repair of abdominal wound; reclosed in layers. Rapidly failed and died after second operation. Clinical cause of death: Tuberculous peritonitis. No autopsy.

LAPAROTOMY, EXPLORATORY, AND CECOSTOMY FOR

Intestinal obstruction.

93. Female. 47 years. Three days before admission general abdominal pain, especially on left side, increased; no vomiting, no bowel movement; later vomiting; cathartics given without result. Examination: Well developed and nourished; abdomen markedly distended, tympanitic throughout; definite mass in right upper quadrant, no spasm. *Immediate operation.* Ether. Exploratory laparotomy; enormous dilatation of large and small intestine; no free fluid; sigmoid showed thickening of mesentery; no tumor found; gas released by trochar from ascending colon. *Operation*, 15 hours later. Local anesthesia. High right McBurney incision under local anesthesia; cecostomy with Mixter tube. Patient failed and died 5 days after second operation. Clinical cause of death: Intestinal obstruction. No autopsy.

LAPAROTOMY, EXPLORATORY, AND COLOSTOMY FOR

Carcinoma of intestine.

94. Male. 54 years. Two years before entrance, diarrhea followed by obstruction, attacks of pain and gas; attacks monthly for 2 years lasting 5 days to a week; well between attacks; vomiting at every attack; severe attack 5 months before admission lasting 8 days; attack 6 weeks previous to entrance; pain in lower abdomen

severe, sharp, accompanied with vomiting; 3 weeks later distention began; vomiting, coffee-ground, continued until entrance, no blood, but had passed tarry stools. Examination: Well developed but emaciated; abdomen much distended, soft, tympanitic; vigorous peristalsis visible over left lower quadrant; hard irregular mass size of orange, descending with inspiration, in epigastrium; also several smaller nontender masses over left of abdomen; by rectum, — hard immovable mass apparently of entire wall found, size of lemon. *Operation*, 3 days after entrance. Ether. Left inguinal colostomy for inoperable carcinoma of sigmoid. Patient rapidly failed after operation and died on the 8th day. Clinical cause of death: Carcinoma of sigmoid. No autopsy.

95. Female. 69 years. Three months previous to admission, pain in epigastrium, severe; nauseated, vomiting; given morphine; attack lasted 5 days; 2 weeks previous to admission, severe attack of vomiting; pain sharp, cramp-like, lasted several minutes every few hours. Examination: Well developed, obese, elderly woman; very large, tense, tympanitic abdomen; no masses; tenderness in right lower quadrant. *Operation*, 7 days after admission. Ether. Exploratory laparotomy for carcinoma of sigmoid, colostomy; mass felt in lower sigmoid partially adherent to uterus; colostomy in descending colon. In poor condition at end of operation; general condition gradually grew worse and patient died 10 days after operation. Clinical cause of death: Carcinoma of sigmoid. No autopsy.

LAPAROTOMY, EXPLORATORY, AND CYSTOTOMY FOR

Carcinoma of prostate.

96. Male. 62 years. One and one-half years before admission, troubled with blood in urine every few days, sometimes considerable amounts; frequency every half hour; cystoscopy one year previous to admission and was told there was a tumor, with low kidney function; bladder drained; radium and X-ray treatment; says none of prostate removed; 8 months later bladder opened a second time; received radium local treatments; 2 weeks later suprapubic wound healed; later broke open and leaking urine ever since; some bleeding just previous to admission, urgency and frequency. Examination: Well developed and nourished; few musical râles heard in both chests; rectal examination, — prostate enlarged and firm, nodular especially right side. *Operation*, 6 days following entrance. Spinal anesthesia. Exploratory suprapubic cystotomy for carcinoma of prostate; cavity from which pus was removed or sloughed, outlined with calcareous material and slough with foul odor; walls of this cavity much indurated, fixed; cavity curetted, large rubber tube inserted. Patient failed to improve after operation and died 2 days later. Clinical cause of death: Carcinoma of prostate. No autopsy.

LAPAROTOMY, EXPLORATORY, WITH FREEING OF ADHESIONS FOR

Acute intestine obstruction.

97. Female. 46 years. For 2 weeks pain over upper half of abdomen, constant, cramp-like, associated with nausea and persistent vomiting; vomitus became fecal on day of entrance; pain very severe and required morphia; no symptoms of obstruction. Examination: Very obese; dull and difficult to arouse; abdomen very tender, moderate spasm over whole of right upper quadrant, no tenderness in left half of abdomen. *Immediate operation.* Ether. Chronic intestinal obstruction; freeing adhesions well

down in pelvis; large bowel dilated; no collapsed gut seen; adhesions freed. Following operation became pulseless, dyspneic and restless and died following day. *Anat. diag.:* Cholelithiasis; cholecystitis with necrosis of gall bladder wall and wall of duodenum; occluding gall stone in ileum; acute intestinal obstruction; fibrinous peritonitis; fatty metamorphosis of liver.

LIGATION OF SUPERIOR THYROID ARTERIES FOR

Exophthalmic goitre.

98. Male. 30 years. Transferred from medical service with diagnosis of exophthalmic goitre. *Operation,* day of transfer. Novocain. Ligation of right superior thyroid vessels for exophthalmic goitre. *Operation,* 22 days after first. Ligation of left superior thyroid vessels; removal of one tuberculous gland. Patient grew steadily worse following second operation, became irrational and died 7 days later. Clinical cause of death: Exophthalmic goitre. No autopsy.

LITHOLAPAXY FOR

Vesical calculus.

99. Male. 73 years. Previous litholapaxy 11 years ago; for several years, recurrence of pain. Cystoscopy: Several small stones in bladder. *Operation,* day after entrance. Ether. Litholapaxy; some bleeding. Following operation, temperature subnormal, hiccoughs, failed to rally, and died on seventh day. Clinical cause of death: Vesical calculus; urinary infection. No autopsy.

NEPHRECTOMY FOR

Tuberculosis of kidney.

100. Female. 21 years. For 12 years, inability to retain urine, with marked frequency; occasional slight bleeding. Study of case showed right kidney tuberculous. *Operation,* 9 days after admission. Novocain. Right nephrectomy for tuberculosis of kidney; exploration of left ureter; on right, very large tuberculous kidney removed; left kidney rather small, with some pyonephrosis. Persistent vomiting following operation; on fourth day, coma. Died on seventh day. Pathological report: Tuberculosis of kidney. Clinical cause of death: Renal tuberculosis; renal insufficiency. No autopsy.

PERINEAL AND SUPRAPUBIC CYSTOSTOMY FOR

Extravasation of urine.

101. Male. 72 years. For 2 days had pain in right groin which has persisted; difficulty in voiding; one day swelling in perineum. Examination showed edema of scrotum and perineum. *Operation,* day of entrance. Spinal anesthesia. Extravasation of urine; necrosis of deep urethra; perineal section and suprapubic cystostomy, with retrograde catheterization. Following operation, foul discharge and slough from perineal region. Failed gradually and died on eleventh day. Clinical cause of death: Extravasation of urine; sepsis. No autopsy.

PERINEAL SECTION AND MULTIPLE INCISIONS FOR

Gangrenous periurethritis.

102. Male. 65 years. Two years troubled in passing urine; frequency, nocturia; 2 weeks previous to admission, instruments passed with pain and bleeding; few days later instruments passed

again followed with chills and bleeding; following day very sick, unconscious, considerable swelling of genitals, complete retention for 3 days; swelling increased and patient sent to hospital. Examination: Poorly developed and nourished old man, sallow; systolic murmur, heart apex; tremendous edema of penis, scotum swollen and several times normal size, purplish red in color; swelling extended to beyond rectum. *Operation*, day of entrance. Spinal anesthesia. Multiple incisions with perineal section for gangrenous periurethritis, ruptured urethra; rubber tubes inserted for drainage, also catheter. In poor condition at end of operation, gradually failed and died on the sixth day. *Anat. diag.:* Gangrene of subcutaneous and deep tissues in region of urethra with sloughing of wall of scrotum; slight cystitis; acute ulcers of stomach; edema of lungs; hypertrophy and dilatation of heart.

PROSTATECTOMY, PERINEAL, FOR

Obstructive adenomatous prostatism.

103. Male. 63 years. For 7 or 8 years had difficulty in micturition. Examination: Prostate enlarged; residual orifices full of urine; put on constant drainage. *Operation*, 1 week after admission. Spinal apothesine and ether. Perineal prostatectomy. Considerable bleeding following operation; improvement until twelfth day, then septic temperature with chills. Death 21 days after operation. Clinical cause of death: Adenomatous prostatism; sepsis. No autopsy.

PROSTATECTOMY, SUPRAPUBIC, FOR

Obstructive adenomatous prostatism.

104. Male. 72 years. For 4 months difficulty in urinating; much worse 2 weeks previous to admission; at time of entrance used catheter. Examination: Well developed and poorly nourished; pupils did not react to light; deaf in both ears; systolic murmur at apex of heart; transmitted to axilla; renal function, total 15%. *Operation*, 4 days after entrance. Gas and oxygen. Suprabubic cystostomy; tube placed in bladder; prostate felt to be enlarged. *Operation*, 14 days after first. Apothesine, spinal. Suprapubic prostatectomy through former wound; catheter, 2 gauze packs in prostate bed. Patient failed to improve and about 3 weeks following second operation pulse became weak, irregular, and patient died. Clinical cause of death: Adenoma of prostate; hemorrhage and sepsis. No autopsy.

105. Male. 50 years. Four years before admission, noticed hematuria with pain; no burning or incontinence; steady pain in left lower back. Examination: Well developed and nourished man; rectal, — prostate large, firm; left lobe larger than right; wore truss for double inguinal hernia; evening temperature of 100 to 101. *Operation*, 3 weeks after admission. Novocain. Suprapubic cystotomy; bladder soft, not thickened; prostate much enlarged; lateral lobes soft and did not suggest carcinoma. *Operation*, 8 days after first. Ether. Suprapubic prostatectomy; large median lobe of prostate easily enucleated; much bleeding, controlled fairly well by Hagner bag. Patient gradually failed and died 5 days following second operation. *Anat. diag.:* Purulent infiltration and necrosis of marginal tissues of wound of lower wall; general fibrinopurulent peritonitis; septicemia, streptococcus; fibrinopurulent pleuritis.

106. Male. 62 years. For 4 years frequency of urination, which increased in severity. Patient put on constant drainage; 4 days later urethritis developed. *Operation*, 16 days after admis-

sion. Novocain. Suprapubic cystostomy. Eighteen days after operation, much leakage through suprapubic wound; condition fair. *Operation,* 21 days after first. Gas and ether. Suprapubic prostatectomy. Following operation, pulse and temperature became normal and condition fairly satisfactory; 19 days after operation, while at stool, patient suddenly became cyanotic, with irregular respirations and died within an hour. Clinical cause of death: Obstructing adenomatous prostatism; pulmonary embolus. No autopsy.

107. Male. 79 years. Urinary frequency for 10 years. Complete retention for 24 hours. *Immediate operation.* Gas and ether. Catheterization; patient put on constant drainage. Extreme discomfort following catheterization. *Operation,* day following first. Spinal anesthesia. Suprapubic prostatectomy for obstructive adenomatous prostate. Immediately following operation, patient's pulse became feeble; showed signs of a rapidly failing condition; failed to respond to stimulation and died about an hour later, apparently from medullary paralysis. Pathological report: Adenoma of prostate. *Anat. diag.:* Arteriosclerosis; emphysema of lungs; hypertrophy and dilatation of heart; edema of pia and brain.

PYELOTOMY FOR

Nephrolithiasis.

108. Female. 41 years. Transferred from medical service with diagnosis of left renal calculus. *Operation,* day of transfer. Gas and oxygen. Pyelotomy for nephrolithiasis; case of severe uremia following 4-day obstruction of the only kidney by stone in pelvis; patient in poor condition; chance of doing speedy pyelotomy with hope of establishing drainage taken; operation just completed when patient died on table. Clinical cause of death: Left renal calculus; pyelitis; uremia. No autopsy.

PYLORECTOMY AND GASTRO-ENTEROSTOMY FOR

Carcinoma of stomach.

109. Male. 50 years. Transferred from medical service with diagnosis of carcinoma of stomach. *Operation,* day after transfer. Gas and oxygen. Partial gastrectomy for carcinoma of stomach. Following operation, persistent cough with abundant sputum, which became foul; X-ray suggested diffuse bronchitis; temperature rose, chest gradually filled up, and patient died 16 days after operation. Clinical cause of death: Carcinoma of stomach. Pathological report: Carcinoma of stomach. No autopsy.

PYLORECTOMY AND GASTRO-ENTEROSTOMY FOR

Ulcer of stomach.

110. Male. 46 years. Eight weeks before admission, swallowed acid; burning sensation in mouth, esophagus and stomach; took mustard water, vomited one hour later for several hours; in bed 2 days; unable to retain food after that; food felt heavy and caused distress. Examination: Poorly developed, very thin; foul breath; abdomen retracted, tympanitic, no spasm, masses or tenderness. *Immediate operation.* Ether. Pyloric tumor isolated; duodenum closed; pyloric half of stomach excised, stomach closed; posterior gastro-enterostomy; much stomach contents vomited during operation; closed with drainage. Failed rapidly and died 2 days after operation. Clinical cause of death: Gastric ulcer; bronchopneumonia. No autopsy.

RADICAL ANTRUM OPERATION FOR

Sarcoma of antrum.

111. Female. 71 years. Increasing left-sided nasal obstruction for 2 years, with foul odor. Examination: Left nostril entirely obstructed by soft sloughing growth. *Operation*, day after entrance. Ether. Radical ethmoid and antrum operation; external incision; large tumor mass removed, occupying whole nasal fossa and growing through ethmoid. Died 1 hour following operation. Clinical cause of death: Sarcoma of antrum; dilatation of heart. No autopsy.

REAMPUTATION AT THIGH FOR

Traumatic amputation of leg.

112. Male. 72 years. One hour before entrance, slipped while getting off railroad train; last car went over left leg, amputating it at middle and lower thirds. Shock treatment; transfused, 500 c. c. of blood, without reaction. *Operation*, day after entrance. Gas and oxygen. Reamputation of thigh. Patient was in fair condition following operation, but continued to fail steadily and died 5 hours later. Clinical cause of death: Traumatic amputation of leg; shock. No autopsy.

REAMPUTATION OF ARM FOLLOWING

Traumatic amputation.

113. Male. 55 years. One hour before admission patient was injured in railroad accident; traumatic amputation of left arm and lower third humerus. Examination: Well developed and nourished; pale, perspiring; anxious expression; lips pallid, left arm absent from below upper third of humerus; jagged stump of bone and wide open wound of lacerated muscle and skin. *Immediate operation.* Ether. Necrotic surfaces trimmed off; skin edges excised; axillary arteries and vein ligated separately; 2 inches of bone removed; muscle and skin sewed loosely; 1st-Stage Dakin's installation. In fairly good condition at end of operation but next day went into shock and died. Clinical cause of death: Traumatic amputation left arm; surgical shock. No autopsy.

REDUCTION, OPEN, OF

Compound comminuted fracture of all bones of leg.

114. Male. 38 years. One half-hour before admission while riding motorcycle, was struck in left side by automobile; immediately picked up and taken to doctor who bandaged leg and sent him to hospital. Examination: Fairly well developed and nourished; severe pain; showed definite evidence of shock; multiple abrasions on left side of body; contused area over left side of face, temporal region; chest negative; extremities, — left leg, abraded areas scattered over entire leg; definite fracture in middle femur with considerable anterior displacement; much swelling and ecchymosis, tenderness and crepitus. *Immediate operation.* Ether. Lower leg just below knee, mass of comminuted bone with laceration of skin, size of silver dollar; skin areas of wound removed and devitalized tissue cut away; splints applied from thigh to ankle with foot-piece for support. Gradually failed and died 4 days after operation. Clinical cause of death: Delirium tremens; pulmonary embolism; compound comminuted fracture left tibia and fibula; fracture 4th and 5th metatarsals; fracture left femur. No autopsy.

REPAIR OF

Epigastric hernia.

115. Male. 56 years. One year before admission noticed swelling in midline of abdomen size of sausage; operation 1 year previous to admission; noticed return of trouble 8 months before admission; condition became steadily worse; swelling at admission, size of fist; some pain; reducible. Examination: Well developed and nourished; abdomen, — scar 6 inches long in epigastrium; in center of scar, hernia 3 inches in diameter, easily reducible; left hydrocele size of grape fruit. *Operation,* day following admission. Ether. Hernia repaired, hydrocele excised. Rapidly failed and died 3 days after operation. Clinical cause of death: Epigastric hernia; left hydrocele; bronchopneumonia. No autopsy.

REPAIR OF

Inguinal hernia.

116. Male. 45 years. For 6 months has had inguinal hernia. *Operation,* day following admission. Ether. Repair of left inguinal hernia. Immediately following operation, lobar pneumonia involving right base, later involved left. Failure to rally, and death on fifth day. Clinical cause of death: Lobar pneumonia, left; inguinal hernia. No autopsy.

117. Male. 51 years. Four years before admission noticed lump in groin, right side; some pain; wore truss; swelling enlarging. Examination: Well developed and nourished; abdomen negative except for large scrotal hernia on right side, easily reducible. *Operation,* 3 days following entrance. Ether. Large hernial sac containing bladder and 2 loops of small intestine; sac removed; closed with Bassini method; cyanotic before and after operation. Died 9 hours after operation. *Anat. diag.:* Slight hypertrophy and dilatation of heart; hemorrhagic edema of lungs; chronic pleuritis; chronic perisplenitis.

REPAIR OF

Inguinal hernia (strangulated).

118. Male. 29 years. Right inguinal hernia for 7 years, which became strangulated 6 hours before admission. *Immediate operation.* Ether. Reduction of incarcerated inguinal hernia; many bowel loops in sac which showed no evidence of strangulation; Bassini repair. Following operation, patient vomited; no bowel movement secured. *Operation,* 4 days after first. Spinal apothesine. Median incision; general exploration of abdomen; no mechanical obstruction found; incarcerated omentum in left inguinal hernia sac reduced; Bassini repair. Following operation, obstruction persisted. *Operation,* 7 days after second. Novocain and ether. Exploration of abdomen negative; enterostomy. Failure to rally, and death a few hours after operation. Clinical cause of death: Double congenital hernia; intestinal obstruction. No autopsy.

REPAIR OF HERNIA, AND ORCHIDECTOMY, FOR

Inguinal hernia, with undescended testicle.

119. Male. 50 years. Left inguinal hernia since childhood; hemorrhoids for 7 or 8 years. Examination showed left inguinal hernia, with undescended testicle, and tabes. *Operation,* day after admission. Ether. Repair of left inguinal hernia and undescended testicle; clamp and cautery for hemorrhoids. Following operation, patient drowsy; vomited; gradual development of

coma. Death on fifth day following operation. Clinical cause of death: Tabes; chronic nephritis; uremia; left inguinal hernia, with undescended testicle. No autopsy.

REPAIR OF

Umbilical hernia.

120. Female. 56 years. Thirteen years before admission fell from street car; soon after noticed small mass in umbilical region; abdominal pain; 1 year before admission mass became hard, purplish, not tender; pain disappeared; on admission pedunculated mass about size of lemon, easily reducible. Examination: Well developed obese woman; heart enlarged; systolic murmur, left sternum over aortic region; abdomen soft, rounded; pedunculated umbilical hernia size of lemon, easily reducible. *Operation,* day following admission. Spinal novocain. Transverse incision; hernial sac with wide margin of skin and fat removed; fascia freed and overlapped after taking tuck in peritoneum; drain at either end of incision. Patient slowly improved for 2 months, then failed rapidly and died 54 days after operation. Clinical cause of death: Umbilical hernia; mesenteric thrombosis. No autopsy.

REPAIR OF

Umbilical hernia (strangulated).

121. Female. 66 years. Has had large ventral hernia for last 20 years; for last 4 days had pain; for 3 days, obstruction; 1 day vomiting. *Operation,* day of entrance. Local anesthesia. Repair of strangulated umbilical hernia; very large umbilical hernia sac containing large and small bowel; small bowel particularly obstructed; hernial contents returned to abdomen with difficulty. Patient in marked shock following operation. Failure to rally and death in 18 hours. Clinical cause of death: Strangulated umbilical hernia; shock. No autopsy.

REPAIR OF

Ventral hernia.

122. Female. 55 years. Twenty-four years before admission noticed, during a pregnancy, an irregular swelling over abdomen; had 5 children after that, swelling increasing after each child; pain when working; wore support to hold abdomen. Examination: Well developed and very obese woman; abdominal wall very much relaxed; complete diastasis; no limitation to hernia made out. *Operation,* 6 days after admission. Ether. Repair of ventral hernia; transverse incision, skin excised, fascia and peritoneum divided vertically; recti found and brought together; fascia and skin sutured. Patient gradually failed, became comatose and died 5 days after operation. Clinical cause of death: Ventral hernia; diabetes mellitus. No autopsy.

RESECTION OF INTESTINE FOR

Carcinoma.

123. Male. 51 years. Six weeks previous to entrance patient was troubled with gas in abdomen which increased; went to bed 3 weeks later with much malaise, constipation and distention; no pain; no results with enemas; vomiting began day before entrance, became more fecal. Examination: Well developed and nourished; swollen, dry, red tongue; abdomen generally distended from pubes; skin tense; over epigastrium and slightly to right, soft non-tender tumor, visible peristalsis. *Operation,* day of entrance.

Spinal anesthesia, gas and ether. Exploratory laparotomy for intestinal obstruction from carcinoma of splenic flexure; growth size of hen's egg, freely movable; Mixter tube inserted into cecum. *Operation,* 1 month after first. Ether. Resection of splenic flexure with wide margin; stump inverted; no anastomosis. In good condition following second operation but gradually failed and died 6 days later. Clinical cause of death: Carcinoma of colon. No autopsy.

RESECTION OF INTESTINE FOR

Ruptured mesentery.

124. Male. 34 years. Shortly before entrance was knocked off a freight car and struck in abdomen by a falling 2000 lb. weight. Examination: Patient in marked shock; abdominal tenderness. *Operation,* 7 hours after injury. Ether. Abdomen full of blood coming from vessels in mesentery of ileum; 40 inches of mesentery of terminal ileum split to the root, making 3 or 4 rents, necessitating resection; transfused, 1000 c. c. of blood before operation. *Operation,* 2 days after first. Novocain. Removal of Murphy button and gangrenous area of intestine resected; ileostomy. Following operation, temperature and pulse dropped to normal; convalescence at first satisfactory, but 8 days later, patient failed and died on tenth day. Clinical cause of death: Ruptured mesentery and sigmoid; peritonitis. No autopsy.

RESECTION OF INTESTINE AND ILEOSTOMY FOR

Acute intestinal obstruction.

125. Female. 62 years. Operated upon 8 years ago for strangulated femoral hernia. Obstruction present for last 6 days; vomited greenish and fecal material last 3 days. Physical examination negative, except for greatly distended abdomen, with moderate diffuse tenderness; no free fluid. *Immediate operation.* Ether. Low median incision, with escape of bloody fluid; 15 inches of terminal ileum extending to ileocecal valve found strangulated by a band of adhesions running from ileocecal valve to wall of pelvis; gangrenous intestine resected, Mixter tubes tied in. Patient very sick following operation, but made satisfactory convalescence. *Operation,* 30 days after first. Ether. Secondary closure of temporary ileostomy by means of end-to-side anastomosis of ileum to cecum. Considerable distention after operation, followed by sepsis in wound; gradually failed and died. Clinical cause of death: Peritonitis. No autopsy.

RESECTION OF INTESTINE WITH END-TO-END ANASTOMOSIS FOR

Femoral hernia, strangulated.

126. Female. 37 years. Left femoral hernia for 10 years; for 4 days, general abdominal pain; 3 hours before admission, sudden pain in left femoral region; hernia became irreducible. *Operation,* day of admission. Ether. Resection of small intestine with end-to-end anastomosis; repair of femoral hernia. Following operation, marked distention of abdomen; no peristalsis on auscultation. *Operation,* 3 days after first. Novocain. Moderate peritonitis; no leakage at point of suture; great distention of cecum and small intestine; cecostomy. Condition fair following operation; patient grew progressively worse and died 2 days later. Clinical cause of death: Strangulated femoral hernia; intestinal obstruction. No autopsy.

RESECTION OF INTESTINE WITH END-TO-END ANASTOMOSIS FOR

Umbilical hernia, strangulated.

127. Female. 51 years. Large umbilical hernia for 15 years, held in position with support; reducible; 4 days previous to entrance, severe colicky pain followed by vomiting; condition persisted until entrance. Examination: Well developed obese woman; cardio-respiratory murmur over base of heart. *Operation,* day of entrance. Ether. Strangulated umbilical hernia; resection of small intestine; entero-enterostomy; repair of hernia. Patient failed to improve and died 7 days after operation. *Anat. diag.:* General peritonitis; hypertrophy and dilatation of heart; edema of lungs; cholelithiasis.

RESECTION OF INTESTINE WITH LATERAL ANASTOMOSIS FOR

Umbilical hernia, strangulated.

128. Female. 65 years. Sudden pain in and around umbilicus for 24 hours previous to admission; nausea and vomiting with history of umbilical hernia of 2 years duration; gradually increased in size, reducible until day of admission. Examination: Obese woman in evident pain; loud systolic murmur over aortic area; several coils of black intestine lying on abdomen protruding from ruptured hernia sac. *Immediate operation.* Ether. Radical cure umbilical hernia; resection of 3 feet of small intestine. Patient rapidly failed and died 2 days after operation. Clinical cause of death: Ruptured strangulated umbilical hernia. No autopsy.

SALPINGO-OÖPHORECTOMY FOR

Carcinoma of ovary.

129. Female. 45 years. Sudden pain, nausea and vomiting, 4 months before admission, following sea bath; pain epigastric; cold sweat lasting 24 hours; few weeks later similar attack; pain at frequent intervals; symptoms grew steadily worse. Examination: Well developed emaciated woman; abdomen greatly distended, tender and tympanitic about umbilicus; dulness both flanks; 2 large irregular masses lower abdomen, movable and tender. *Operation,* 4 days after admission. Ether. Double salpingo-oöphorectomy; large papillary cysts both ovaries, necrotic, adherent to surrounding structures, involving intestines and uterus; no evidence of growth in perineum or liver. Patient gradually grew worse, abdomen became rigid and tender and patient died 5 days after operation. Clinical cause of death: Carcinoma of both ovaries. No autopsy.

SALPINGO-OÖPHORECTOMY FOR

Chronic salpingitis with pelvic peritonitis.

130. Female. 32 years. Four and one-half years previous to entrance developed fever following childbirth; 4 months later abdominal operation followed by fecal fistula; 10 months before admission operation for intestinal obstruction without relief from symptoms; for 2 weeks epigastric pain, severe, radiating up and down right side; for 5 days, tumor in right lower quadrant. Examination: Fairly well developed and nourished; abdomen soft, tympanitic, spasm in lower half; tumor size of peach in right lower quadrant, tender. *Operation,* 2 days after entrance. Ether. Many adhesions surrounding tubes and ovaries in rectum freed; old tubo-rectal fistula repaired; tubes and ovaries removed; wound

drained. Condition grew worse and patient died day following operation. Clinical cause of death: Chronic salpingitis; postoperative hemorrhage; surgical shock. No autopsy.

SPLENECTOMY FOR

Banti's disease.

131. Male. 15 years. Transferred from medical service with diagnosis of Banti's disease. Examination showed abdomen distended; question of fluid; spleen enlarged to umbilicus; red count 3,500,000. *Operation*, day of transfer. Ether. Splenectomy; spleen very adherent. Following operation, respirations rapid and labored, patient stuporous, pulse 155; transfusion advised; transfused. General condition somewhat improved following transfusion; next day temperature 105; respirations labored; 2 days later breathing became more difficult, lungs apparently filled up, and patient died. Clinical cause of death: Portal thrombosis (?). No autopsy.

132. Male. 30 years. Five years previous, posterior gastroenterostomy performed; for 5 years, tumor in left upper quandrant. Blood count: R. C. 2,480,000; W. C. 2000. Diagnosis; Banti's disease. Spleen seen below costal margin; splenectomy advised. *Operation*, 3 days after entrance. Ether. Splenectomy for Banti's disease; spleen very adherent to all surrounding organs and tissues. Following operation, temperature remained elevated to 101; considerable distention; some infection of wound; on seventeenth day transfused, 500 c. c. of blood. *Operation*, 23 days after first. Ether. Clamp and cautery for hemorrhoids. Two days later condition poor; transfused, 500 c. c. of blood, without benefit; became unconscious and died on twenty-sixth day. *Anat. diag.:* Subdiaphragmatic abscess; thrombosis of portal vein; hemorrhage infraction of small intestine; acute peritonitis.

SPLENECTOMY FOR

Hemolytic jaundice.

133. Transferred from medical service with diagnosis of hemolytic jaundice. *Operation*, day of transfer. Ether. Splenectomy for hemolytic jaundice; large nodular spleen; generally adhesive. *Operation*, 2 days after first. Novocain. Transfusion for shock and hemorrhage; 500 c. c. blood. In poor condition following second operation and died following morning. Clinical cause of death: Hemolytic jaundice; cerebral thrombosis; hemorrhage. No autopsy.

THORACENTESIS FOR

Traumatic hemopneumothorax.

134. Female. 7 years. One week previous to admission while crawling on the floor of her home, patient struck a crochet-hook which entered flesh above right clavicle; removed it herself without discomfort; 2 days later swelling developed at base of right side of neck. Examination showed tense, red swelling at base of neck and right chest; extensive paralysis of both legs from old poliomyelitis. *Operation*, day after admission. Novocain. Thoracentesis, with catheter introduced through trocar canula; small amount of very foul bloody fluid evacuated; Dakin's solution. Following day, temperature 104.8, pulse 190, respirations 88, and patient died. *Anat. diag.:* Gangrene of lung; atelectasis; gangrene of chest wall; multiple foci of atrophy of left kidney; chronic poliomyelitis; atrophy of muscles of legs.

THORACOTOMY WITH DRAINAGE FOR

Empyema.

135. Male. 28 years. Transferred from medical service with diagnosis of empyema. *Operation,* day of transfer. Local novocain. Incision and catheter drainage of empyema; no. 18 catheter inserted between 8th and 9th ribs post-axillary line. Patient gradually failed after operation and died on the 7th day. Clinical cause of death: Empyema; general peritonitis. No autopsy.

136. Male. 15 months. Three weeks before admission fell out of baby carriage; week later developed cough and fever; condition grew worse and patient sent to hospital where fluid was found in chest. Examination: Fairly developed and nourished infant in distress; right chest, — front flat to 5th rib, bronchial breathing above; corresponding condition on back; abdomen distended, rigid, tympanitic. *Immediate operation.* Novocain. Catheter drainage through 8th costal space post-axillary line. Patient gradually failed and died 19 days after operation. Clinical cause of death: Acute empyema. No autopsy.

THORACOTOMY WITH RESECTION OF RIBS FOR

Abscess of lung.

137. Male. 30 years. Two years previous, posterior gastro-enterostomy performed for duodenal ulcer. For 7 months had constant epigastric pain. *Operation,* 18 days after entrance. Ether. A markedly indurated ulcer of gastro-jejunal stoma was found penetrating into the wall of transverse colon; old anastomosis dissected away and intestinal and gastric openings closed. After operation, pneumonia at left base, later involving both bases; sputum became foul; X-ray showed probable lung abscess. *Second operation,* 4 days after first. Gas, oxygen and ether. Thoracotomy with drainage of lung abscess; resection of fourth and fifth ribs; lung adherent to parietal pleura; abscess opened and drained. Very dyspneic following operation. Died 2 days later. Clinical cause of death: Gastro-jejunal ulcer; lung abscess. *Anat. diag.:* Abscess of lung; pneumonia, left; fibrinopurulent pleuritis; ulcer of duodenum; dilatation of heart.

THORACOTOMY WITH RESECTION OF RIB FOR

Empyema.

138. Male. 18 years. Transferred from medical service with diagnosis of empyema. *Operation,* day of transfer. Local novocain. Thoracotomy; rib resected under local; about 2 inches of 8th rib excised in post-axillary line; diaphragm high, rough and very much thickened; no opening found. *Operation,* 2 months after first. Gas, oxygen and ether. Exploratory laparotomy; no definite trace of subdiaphragmatic lesion; exploration of chest sinus with separation of adhesions between lung and diaphragm followed by copious hemorrhage. Died on table. Clinical cause of death: Empyema; hemorrhage. No autopsy.

THYROIDECTOMY, SUBTOTAL FOR

Exophthalmic goitre.

139. Female. 23 years. Six years previous to admission gave up work because of increasing nervousness; neck somewhat enlarged all the time; for few months patient coughed up half cupful of blood daily; no symptoms other than nervousness. Examination: Heart pulse varied between 130 and 170; marked exop-

thalmos with goitre; hoarse voice; hyperthyroidism, chronic valvular disease, aortic insufficiency. *Operation,* 4 days after entrance. Ether. Large firm thyroid, very vascular; whole of right lobe and anterior ¾ left lobe removed with exception of 2 small nodules in left upper pole; drainage. Patient rapidly failed and died 6 hours after operation. Clinical cause of death: Exophthalmic goitre. No autopsy.

TRACHEOTOMY FOR

Carcinoma of larynx.

140. Female. 60 years. For 2 months had recurrent attacks of difficulty in breathing, which increased in severity. *Operation,* 2 days after admission. Local anesthesia. Tracheotomy for carcinoma of larynx. Three days after operation, sudden elevation of temperature. Examination of chest showed profuse bronchitis; fifth day, acute phlebitis of internal saphenous vein. Death on seventh day. *Anat. diag.:* Streptococcus septicemia; carcinoma of larynx; hypertrophy and dilatation of heart; thrombosis of right external iliac and femoral arteries.

TRANSFUSION FOR

Pernicious anemia.

141. Male. 60 years. Transfusion case of pernicious anemia. *Operation,* 8 days after admission. 450 c. c. blood transfused by syringe method. Patient failed rapidly and died 5 days later. Clinical cause of death: Pernicious anemia. No autopsy.

TRANSFUSION FOR

Secondary anemia.

142. Male. 51 years. Patient left this hospital 20 months ago following operation for gastric ulcer; also cholecystectomy and appendectomy; followed by hemorrhage 5 months later; tarry stools; recovered and remained in good condition up to 3 days before admission when he noticed tarry stools. Examination: Well developed and nourished man; skin white, mucosae pale; harsh systolic murmur over whole precordia; abdomen soft, tympanitic, no masses. *Operation,* 10 days after admission. Novocain. Transfusion, 500 c. c. *Operation,* 4 days after first. Novocain. 450 c. c. blood. Patient gradually lost weight and strength, became irrational; difficulty in swallowing; respiratory attacks became frequent and severe and patient died 3 days after last transfusion. *Anat. diag.:* Thrombosis renal veins; Infarcts of kidneys; fibromyoma of jejunum; endothelioma of dura.

VAGINAL CESAREAN FOR

Pyelitis of pregnancy.

143. Female. 23 years. Patient in first pregnancy; last period 4 months previous; for 1 month, frequency and burning micturition and severe abdominal pain, with vomiting. Examination: Marked costo-vertebral tenderness on right; uterus enlarged to umbilicus; temperature 101.2; white count 130,000; urine: albumin, trace; sediment, full of pus; both ureters catheterized; right pelvis considerably dilated, containing residual pus; right renal pelvis washed out. Patient continued to run high temperature; general condition became worse; consent for operation obtained 21 days after admission. *Operation.* Gas and oxygen. Vaginal Cesarean; removal of 5½ months fetus and placenta. Two days later transfused, 600 c. c. of blood, for chronic septicemia.

Temperature 100, vomiting persisted; second transfusion on eighth day. Slight improvement following second transfusion, but vomiting persisted; on seventh day, profuse vaginal hemorrhage; vagina packed; transfused, 800 c. c. of blood. Patient failed gradually and died on twenty-second day. *Anat. diag.:* Pyonephrosis, right; suppurative nephritis; chronic cholecystitis, with empyema.

REPORT OF THE RADIOGRAPHIC DEPARTMENT

	1918	1919
Number of Out-Patient Department cases examined	7,436	8,423
Number of Emergency Ward cases examined	1,346	1,353
Number of Private cases examined	636	982
Number of House cases examined	2,705	4,038
Number of cases treated	1,303	1,836
Total	13,416	16,632
Total number of new cases	8,265	9,256
Total number of cases fluoroscoped	4,251	6,428
Number of cases examined for diseases of the gastro-intestinal tract	1,382	1,776
Number of cases examined for diseases of the chest	1,487	2,933
Number of cases examined for diseases of the urinary tract	484	1,022
Number of cases examined for diseases of the gall-bladder	348	626
Number of cases examined for diseases of the skull and teeth	686	2,054
Number of cases examined for other reasons	4,778	5,920

LIST OF HOUSE PUPILS

Abbott, Roy Charles	Orthop.	1916
Royal Infirmary, Edinburgh, Scotland.		
Adams, Benjamin Faneuil Dunkin . . .	Surg.	1863
Died 1895.		
Adams, Charles Goldthwaite	Surg.	1850
Died 1852.		
Adams, Frank Dennette	West Med.	1918
1801 Connecticut Ave., Washington, D. C.		
Adams, William Bradford	East Med.	1918
51 Mulberry St., Springfield, Mass.		
Albee, Fred Houdelett	South Surg.	1904
40 East 41st St., New York City.		
Alden, Eliot	West Surg.	1902
1015 Brockman Bldg., Los Angeles, Cal.		
Allen, Arthur Wilburn	West Surg.	1915
99 Commonwealth Ave., Boston.		
Allen, Dudley Peter	West Surg.	1880
Died 1915.		
Allen, Freeman	South Surg.	1900
200 Beacon St., Boston.		
Allen, Seabury Wells	West Surg.	1898
509 Beacon St., Boston.		
Alton, Benjamin Harrison	West Surg.	1916
72 Pearl St., Worcester, Mass.		
Andrews, Thomas	Surg.	1847
Died 1852.		
Appleton, Paul	West Surg.	1917
269 Thayer St., Providence, R. I.		
Aub, Joseph Charles	East Med.	1915
Harvard Medical School.		
Ayer, James Bourne	Surg.	1872
Died 1910.		
Badger, George Sherwin Clark	West Med.	1898
48 Hereford St., Boston.		
Bagg, Edward Parsons, Jr.	East Med.	1913
243 Linden St., Holyoke, Mass.		

Bain, John Baxter . . . . . East Med. 1903
348 Haverhill St., Lawrence, Mass.

Balch, Franklin Greene . . . . . West Surg. 1893
279 Clarendon St., Boston.

Baldwin, Henry Cutler . . . . . East Surg. 1885
Died 1915.

Baldwin, Walter Isaac . . . . . Orthop. 1913
135 Stockton St., San Francisco, Cal.

Barker, Williston Wright . . . . . West Med. 1908
4 Lyndhurst St., Dorchester, Mass.

Barnes, Allan Foster . . . . . South Surg. 1903
Died 1914.

Barney, Charles Norton . . . . . West Med. 1896
Lt.-Col. U.S.A., (retired), 1645 East 7th Ave., Denver, Colo.

Barney, George Lawrence . . . . . East Surg. 1895
Died 1898.

Barney, James Dellinger . . . . . East Surg. 1905
99 Commonwealth Ave., Boston.

Barrett, Benjamin . . . . . Apothecary 1823
Died 1869.

Barrett, Henry Augustus . . . . . Med. 1844
Died 1899.

Bartlett, Lyman . . . . . Med. 1832
Died 1865.

Bartol, Edward Francis Washburn . . . East Surg. 1901
6 Reesdale Road, Milton, Mass.

Bartol, John Washburn . . . . . East Surg. 1891
3 Chestnut St., Boston.

Barton, Lyman Guy, Jr. . . . . East Surg. 1914
Willsborough, N. Y.

Bates, Everett Alanson . . . . . East Med. 1891
57 Chestnut St., Springfield, Mass.

Beach, Henry Harris Aubrey . . . . . Surg. 1867
Died 1910.

Beal, Howard Walter . . . . . South Surg. 1899
Died 1918.

Beals, Lynn Staley . . . . . West Med. 1905
177 Dearborn St., Buffalo, N. Y.

Bean, Harold Cotton . . . . . West Surg. 1918
520 Commonwealth Ave., Boston.

Beard, Archibald Hildreth . . . . . West Med. 1916
522 La Salle Bldg., Minneapolis, Minn.

Beebe, Arthur Appleton . . . . . East Surg. 1899
Died 1900.

Belknap, James Lyman Died 1911.	West Med.	1904
Bell, Charles	Surg.	1854
Benner, Richard Stanwood 104 Maple St., Springfield, Mass.	West Surg.	1903
Berger, Harry Calvin Waldheim Bldg., Kansas City, Mo.	Child. Med.	1914
Berkley, Hugh Kling 1440 Third St., Santa Monica, Cal.	Child. Med.	1916
Bertody, Charles Died 1893.	Surg.	1846
Bigelow, George Hoyt 6 West Hill Pl., Boston.	East Med.	1917
Bigelow, Henry Jacob Died 1890.	Med.	1838
Bigelow, Leslie Lawson 185 E. State St., Columbus, Ohio.	West Surg.	1908
Binger, Carl Alfred Lanning 53 E. Mt. Vernon St., Baltimore, Md.	East Med.	1915
Binney, George Hayward 447 Beacon St., Boston.	West Surg.	1913
Binney, Horace 205 Beacon St., Boston.	South Surg.	1902
Blaisdell, John Harper 45 Bay State Road, Boston.	Dermatolog.	1911
Blake, John George Died 1918.	Surg.	1860
Blake, Samuel Coleman Died 1897.	Med.	1852
Blanchard, Albert Henry Died 1909.	Med.	1850
Blodgett, Albert Novatus 51 Massachusetts Ave., Boston.	Surg.	1870
Bloomer, Earl 1220 N. Third St., St. Joseph, Mo.	East Surg.	1917
Bock, Arlie Vernon Massachusetts General Hospital.	West Med.	1917
Boos, William Frederick 427 Marlboro St., Boston.	West Med.	1902
Booth, Edward Chauncey 40 Boston St., Somerville, Mass.	West Med.	1877
Borden, Russell Potter Lower Canard, Nova Scotia.	West Surg.	1914

Borland, John Nelson	Med.	1850
Died 1890.		
Boutelle, James Thacher	Surg.	1870
Hampton, Va.		
Boutwell, Henry Thatcher	Surg.	1869
Died 1915.		
Boutwell, Horace Keith	East Med.	1905
39 St. Paul St., Brookline, Mass.		
Bowditch, Harold	West Med.	1911
520 Commonwealth Ave., Boston.		
Bowditch, Henry Ingersoll	Med.	1830
Died 1892.		
Bowditch, Vincent Yardley	East Med.	1879
506 Beacon St., Boston.		
Bowen, John Templeton	West Med.	1883
14 Marlboro St., Boston.		
Bradford, Edward Hickling	Surg.	1872
133 Newbury St., Boston.		
Brannan, John Winters	East Surg.	1878
48 West 51st St., New York City.		
Breed, William Bradley	East Med.	1919
311 Beacon St., Boston.		
Brewster, George Washington Wales . .	East Surg.	1893
213 Beacon St., Boston.		
Bridge, Horace	Med.	1870
Augusta, Maine.		
Briggs, Charles Edwin	East Surg.	1898
Osborn Bldg., Cleveland, Ohio.		
Briggs, Frederick Melancthon	East Surg.	1884
536 Commonwealth Ave., Boston.		
Brigham, Francis Gorham	East Med.	1910
35 Bay State Road, Boston.		
Bright, George Adams	Med.	1859
Died 1905.		
Brooks, William Allen	East Surg.	1892
167 Beacon St., Boston.		
Broughton, Arthur Nicholson	South Surg.	1898
46 Eliot St., Jamaica Plain, Mass.		
Brown, Dillon	West Surg.	1885
Died 1909.		
Brown, Francis Henry	Med.	1860
Died 1917.		
Brown, Lloyd Thornton	South Surg.	1908
372 Marlboro St., Boston.		

Bryant, John . . . . . West Surg. 1910
338 Marlboro St., Boston.

Buckingham, Edward Marshall . . . . West Surg. 1874
Died 1916.

Buckman, Thomas Elwood . . . . . East Med. 1918
1143 Riverside Ave., Jacksonville, Fla.

Buffum, William Henry . . . . . East Med. 1903
Died 1918.

Bull, Edward Cline . . . . . Orthop. 1917
Marysville, Cal.

Bullard, Carleton Wheeler . . . . . West Surg. 1918
10 Alexander St., Framingham, Mass.

Bullard, William Norton . . . . . East Med. 1880
89 Marlboro St., Boston.

Bumstead, Freeman Josiah . . . . . Surg. 1850
Died 1879.

Burlingham, Louis Herbert . . . . . West Med. 1907
Barnes Hospital, St. Louis, Mo.

Burnett, Francis Lowell . . . . . South Surg. 1908
205 Beacon St., Boston.

Burnett, Waldo Irving . . . . . Med. 1849
Died 1854.

Burnham, Elmond Arthur . . . . . West Med. 1893
154 Huntington Ave., Boston.

Burrage, Thomas Jayne . . . . . East Med. 1904
139 Park St., Portland, Maine.

Burwell, Charles Sidney . . . . . West Med. 1919
309 West 5th St., Oil City, Pa.

Bush, John Standish Foster . . . . . East Surg. 1874
Winchenden, Mass.

Butler, Charles Shorey . . . . . East Surg. 1899
257 Newbury St., Boston.

Butler, Joel Ives . . . . . South Surg. 1905
712 N. Stone Ave., Tucson, Ariz.

Cabot, Arthur Tracy . . . . . West Surg. 1876
Died 1912.

Cabot, Hugh . . . . . South Surg. 1899
University Hospital, Ann Arbor, Mich.

Cabot, Richard Clarke . . . . . East Med. 1894
1 Marlboro St., Boston.

Callanan, Francis Jervois . . . . . East Surg. 1918
520 Commonwealth Ave., Boston.

Capps, Joseph Almarin . . . . . East Med. 1896
122 S. Michigan Boulevard, Chicago, Ill.

Carney, Sidney Howard . . . . . Med. 1860
Died 1912.

Caryl, Lucian Willard . . . . . Surg. 1829
Died 1837.

Caswell, Charles O. . . . . Orthop. 1909
121 Spring St., Portland, Maine.

Chadbourne, Arthur Patterson . . . . East Med. 1890
Copley Square Hotel, Boston.

Chadwick, James Read . . . . . Surg. 1870
Died 1905.

Chaffin, George Lawrence . . . . . East Surg. 1918
Massachusetts General Hospital.

Chamberlain, Weston Percival . . . . West Med. 1898
Colonel, Medical Corps, United States Army, Washington, D. C.

Chandler, Norman Fitch . . . . . West Med. 1888
82 High St., Medford, Mass.

Channing, Walter . . . . . Surg. 1871
Channing Sanatorium, Brookline, Mass.

Chapin, Lawrence Dudley . . . . . East Med. 1908
20 Maple St., Springfield, Mass.

Chase, Henry Melville . . . . . West Surg. 1902
409 Marlboro St., Boston.

Chauncey, Charles William . . . . . Apothecary 1823
Died 1864.

Cheney, Marshall Chipman . . . . . West Med. 1918
2241 College Ave., Berkeley, Cal.

Cheney, Robert Cartwright . . . . . West Surg. 1919
Concord, Mass.

Churchill, Frank Spooner . . . . . West Med. 1891
1259 N. State St., Chicago, Ill.

Chute, Arthur Lambert . . . . . South Surg. 1895
350 Marlboro St., Boston.

Clap, Edmund Wright . . . . . East Med. 1895
390 Commonwealth Ave., Boston.

Clark, DeWitt Scoville, Jr. . . . . East Surg. 1915
32 Washington Square, Salem, Mass.

Clark, George Oliver . . . . . East Surg. 1904
142 Beacon St., Boston.

Clark, John Howe . . . . . Med. 1861
1537 Cambridge St., Cambridge, Mass.

Clark, Joseph Payson . . . . . East Surg. 1887
71 Marlboro St., Boston.

Clark, Nelson Henry . . . . . West Med. 1905
212 N. Highland Ave., Pittsburg, Pa.

Cleaves, Edwin Nelson . . . . . East Surg. 1917
3 Brooks St., West Medford, Mass.

Cobb, Farrar . . . . . East Surg. 1893
28 Commonwealth Ave., Boston.

Codman, Ernest Amory . . . . . East Surg. 1895
227 Beacon St., Boston.

Cogswell, William . . . . . South Surg. 1896
151 Merrimac St., Haverhill, Mass.

Coller, Frederick Amasa . . . . . West Surg. 1914
1221 Brockman Bldg., Los Angeles, Cal.

Colwell, Howard Spencer . . . . . East Med. 1916
656 Main St., Worcester, Mass.

Conant, William Merritt . . . . . West Surg. 1884
486 Commonwealth Ave., Boston.

Congdon, Russell Thompson . . . . . West Surg. 1909
Wenatchee, Wash.

Cook, Edgar Charles . . . . . West Surg. 1916
Mendota, Ill.

Cooke, Henry Arnold . . . . . East Med. 1897
405 Angell St., Providence, R. I.

Coolidge, Algernon . . . . . East Surg. 1886
613 Beacon St., Boston.

Coolidge, Frederick Shurtleff . . . . . West Surg. 1891
Died 1915.

Cooper, Charles Wendell . . . . . West Surg. 1877
Died 1897.

Cotton, Frederick Jay . . . . . West Surg. 1894
520 Commonwealth Ave., Boston.

Coues, William Pearce . . . . . West Surg. 1895
31 Massachusetts Ave., Boston.

Crabtree, Ernest Granville . . . . . East Surg. 1913
99 Commonwealth Ave., Boston.

Crabtree, Harvard Hersey . . . . . East Surg. 1913
205 Beacon St., Boston.

Crandell, Arthur Richmond . . . . . South Surg. 1898
48 Church Green, Taunton, Mass.

Crane, Phineas Miller . . . . . Apothecary 1826
Died 1882.

Crosbie, Arthur Hallam . . . . . East Surg. 1907
260 Clarendon St., Boston.

Crothers, Bronson . . . . . West Med. 1911
Lowry Bldg., St. Paul, Minn.

Cummin, John White . . . . . South Surg. 1897
9 Massachusetts Ave., Boston.

Cunningham, Thomas Donald	West Med.	1918
1370 Gilpin St., Denver, Colo.		
Curtis, Hall	Surg.	1856
Died 1906.		
Curtis, Robert Dudley	Child. Med.	1918
311 Beacon St., Boston.		
Cushing, Edward Fitch	East Surg.	1888
Died 1911.	West Med.	1890
Cushing, Harvey	South Surg.	1896
305 Walnut St., Brookline, Mass.		
Cushing, Joseph Whitney	Surg.	1860
Died 1897.		
Cusick, Lawrence Francis	East Surg.	1906
99 Newbury St., Boston.		
Cutler, Elbridge Gerry	Med.	1871
214 Beacon St., Boston.		
Cutler, George David	East Surg.	1912
180 Marlboro St., Boston.		
Cutler, William Ward	Med.	1835
Died 1870.		
Daland, Ernest Merrill	West Surg.	1918
483 Beacon St., Boston.		
Dalton, John Call	Surg.	1847
Died 1889.		
Dana, Francis	Med.	1829
Died 1872.		
Dane, John	East Surg.	1893
29 Marlboro St., Boston.		
Davenport, Francis Henry	Med.	1875
390 Commonwealth Ave., Boston.		
Davis, Abel Albert	East Surg.	1894
Calumet and Hecla Hospital, Calumet, Mich.		
Davis, Lincoln	East Surg.	1899
205 Beacon St., Boston.		
Davis, William Augustus	Med.	1840
Died 1898.		
Davis, William Horace	West Surg.	1898
23 Beaumont St., Ashmont, Mass.		
Day, Charles Orrin, Jr.	East Surg.	1909
Main St., Hingham, Mass.		
DeCourcillon, Eugene	Med.	1857
Died.		
Dennen, Ralph Waite	East Surg.	1911
258 Moody St., Waltham, Mass.		

Dennie, Charles Clayton 3725 Broadway, Kansas City, Mo.	Dermatolog.	1914
Denny, Francis Parkman 111 High St., Brookline, Mass.	West Med.	1895
DeNormandie, Robert Laurent 355 Marlboro St., Boston.	East Surg.	1903
Derby, George Strong 23 Bay State Rd., Boston.	East Surg.	1901
Derby, Hasket Died 1914.	Surg.	1857
Derby, Richard Henry Died 1907.	Surg.	1866
Dexter, Richard 602 Rose Bldg., Cleveland, Ohio.	East Med.	1906
Dole, Kenneth Llewellyn 237 E. Arlington Ave., Riverside, Cal.	East Surg.	1917
Dolliver, George Carroll Died 1897.	South Surg.	1895
Donoghue, James Crowley Died 1911.	East Med.	1897
Duke, William Waddell Waldheim Bldg., Kansas City, Mo.	East Med.	1910
Dunbar, Franklin Asaph Bonita, Cal.	East Med.	1882
Dunn, Charles Hunter 178 Marlboro St., Boston.	West Med.	1901
Dunn, William Aloysius Died 1918.	West Surg.	1875
Dunn, William Milos 602–3 Candler Bldg., Atlanta, Ga.	East Surg.	1912
Dupee, Horace Died 1891.	Surg.	1835
Durand, Henry Strong Security Trust Co., Rochester, N. Y.	West Surg.	1887
Durkin, Harry Anthony 600 Fayette St., Peoria, Ill.	Child. Med. West Med.	1915 1917
Dwight, Thomas Died 1911.	Surg.	1866
Dwinell, George Francis 913 Elm St., Manchester, N. H.	West Surg.	1917
Dyer, Ezra Died 1887.	Surg.	1858
Eastman, Theodore Jewett 71 Marlboro St., Boston.	West Med.	1907

Easton, Charles Daniel	East Med.	1905
36 Ayrault St., Newport, R. I.		
Eaton, William Edward	Dermatolog.	1908
Lieut., United States Navy, Washington, D. C.		
Edes, Richard Edward	East Surg.	1895
Died 1901.		
Ela, Walter	East Surg.	1875
13 Ash St., Cambridge, Mass.		
Eliot, George	West Surg.	1890
Died 1891.		
Elliot, John Wheelock	West Surg.	1878
124 Beacon St., Boston.		
Ellis, Calvin	Med.	1849
Died 1883.		
Ellis, Joshua James	Med.	1851
Died 1861.		
Emerson, Benjamin Kendall	East Surg.	1902
Amer. Red Cross Hdqrs., Washington, D. C.		
Emerson, Edward Waldo	West Surg.	1874
Lowell Road, Concord, Mass.		
Emmons, Arthur Brewster, 2d	West Surg.	1905
86 Bay State Road, Boston.		
Eustis, John Fenwick	Med.	1839
Died 1844.		
Eustis, Richard Spelman	West Med.	1912
329 Beacon St., Boston.	Child. Med.	1913
Eveleth, Charles Wilson	West Med.	1904
1 Madison Ave., New York City.		
Everett, Oliver Hurd	East Surg.	1877
53 Pearl St., Worcester, Mass.		
Fabyan, Marshall	East Med.	1905
379 Commonwealth Ave., Boston.		
Farlow, William Gilson	Surg.	1869
Died 1919.		
Farnsworth, George Bourne	East Surg.	1909
2047 E. Ninth St., Cleveland, Ohio.		
Favill, John	East Med.	1914
122 S. Michigan Ave., Chicago, Ill.		
Faxon, Nathaniel Wales	South Surg.	1906
Massachusetts General Hospital.		
Felch, Lewis Perley	Orthop.	1909
1069 Boylston St., Boston.		

Ferguson, Luther Mitchell	East Surg.	1915
Died 1916.		
Finney, John Miller Turpin	West Surg.	1889
1300 Eutaw Place, Baltimore, Md.		
Fisk, Arthur Lyman	West Surg.	1890
41 West 50th St., New York City.		
Fitch, Ralph Roswell	West Med.	1904
365 East Ave., Rochester, N. Y.		
Fitts, John Blair	Orthop.	1917
515 Chamberlayne Ave., Richmond, Va.		
Fitz, Reginald	East Med.	1911
Massachusetts General Hospital.		
Flagg, Elisha	East Surg.	1902
199 Commonwealth Ave., Boston.		
Fletcher, Ezra Wood	Med.	1841
Died 1847.		
Flint, Carleton Phillips	South Surg.	1898
Died 1908.		
Flint, John	West Surg.	1903
Died 1911.		
Flint, John Sydenham	Med.	1845
Died 1887.		
Floyd, Cleaveland	West Med.	1904
246 Marlboro St., Boston.		
Fogg, Neil Augustus	West Surg.	1918
Freeport, Maine.		
Foley, Thomas Madden	Orthop.	1915
2400 Sixteenth St., Washington, D. C.		
Folsom, Norton	Med.	1863
Died 1903.		
Ford, Lester Sackett	East Surg.	1882
Died 1882.		
Foster, Burnside	West Surg.	1887
Died 1917.		
Francis, George Ebenezer	Surg.	1862
Died 1912.		
Francis, George Hills	East Surg.	1887
295 Walnut St., Brookline, Mass.		
French, Ralph Winward	S. & E. Surg.	1911
151 Rock St., Fall River, Mass.		
Frost, Harold Maurice	West Surg.	1915
Mass. Char. Eye & Ear Infirmary, Boston.		
Frost, Horace Bird	East Surg.	1897
30 N. Michigan Boulevard, Chicago, Ill.		

Gage, Homer . . . . . East Surg. 1888
72 Pearl St., Worcester, Mass.

Gage, Thomas Hovey . . . . . Surg. 1851
Died 1909.

Gallison, James Murry . . . . . West Surg. 1910
510 Commonwealth Ave., Boston.

Galloupe, Charles William . . . . . West Surg. 1884
188 Commonwealth Ave., Boston.

Gamble, James Lander . . . . . West Med. 1912
7 Northfield Pl., Roland Park, Md.

Gannett, William Whitworth . . . . . West Med. 1879
274 Marlboro St., Boston.

Gardner, Edwin Daniels . . . . . S. & W. Surg. 1912
59 Campbell St., New Bedford, Mass.

Garland, Frederick Eugene . . . . . South Surg. 1903
483 Beacon St., Boston.

Garland, Joseph . . . . . Child. Med. 1919
Massachusetts General Hospital.

Garland, Joseph Everett . . . . . West Surg. 1876
Died 1907.

Garland, Roy . . . . . West Surg. 1904
17 Pleasant St., Glocester, Mass.

Gaunt, Frank Peyton . . . . . West Surg. 1913
Methodist Hospital, Nanking, China.

Gay, George Henry . . . . . Surg. 1844
Died 1878.

Gay, Leslie Newton . . . . . East Med. 1918
402 N. Shamokin St., Shamokin, Pa.

Gay, Warren Fisher . . . . . West Surg. 1893
Died 1916.

Gibson, Robert Francis . . . . . West Med. 1902
Died 1914.

Gibson, William Borrowe . . . . . Surg. 1861
Died 1862.

Giddings, Harold Girard . . . . . South Surg. 1909
520 Commonwealth Ave., Boston.

Gilbert, Louis Whitmore . . . . . West Med. 1897
Died 1919.

Godding, Clarence Miles . . . . . East Surg. 1883
312 Benefit St., Providence, R. I.

Goddu, Louis Adilore Oliver . . . . . Orthop. 1910
510 Commonwealth Ave., Boston.

Goodale, Joseph Lincoln . . . . . West Med. 1893
258 Beacon St., Boston.

Goodall, Harry Winfred	West Med.	1903
205 Beacon St., Boston.		
Goodridge, Frederick James	South Surg.	1904
5 Appian Way, Cambridge, Mass.	Dermatolog.	1905
Gould, Alfred Henry	South Surg.	1901
Died 1907.		
Gould, Augustus Addison	Med.	1828
Died 1866.		
Graves, James Chapman, Jr.	East Surg.	1906
416 Paulsen Block, Spokane, Wash.		
Graves, Robert John	East Surg.	1904
3 N. State St., Concord, N. H.		
Graves, William Phillips	East Surg.	1900
244 Marlboro St., Boston.		
Gray, Francis Henry	Med.	1833
Died 1880.		
Greeley, Hugh Payne	West Med.	1910
112 N. Hamilton St., Madison, Wis.		
Green, John Orne	Surg.	1865
267 Newbury St., Boston.		
Green, Joshua	Apothecary	1821
Died 1875.		
Green, Robert Montraville	South Surg.	1907
496 Commonwealth Ave., Boston.		
Green, Samuel Abbott	Surg.	1853
Died 1918.		
Greene, Edward Miller	East Med.	1889
45 Chestnut St., Boston.		
Greenough, Francis Boott	Med.	1865
Died 1904.		
Greenough, Robert Battey	East Surg.	1896
8 Marlboro St., Boston.	West Med.	1897
Greenwood, Arthur Moses	West Surg.	1904
Ashburnham, Mass.		
Gregg, Alan	West Med.	1917
40 Old Orchard Rd., Chestnut Hill, Mass.		
Gregg, Donald	West Med.	1909
Wellesley Ave., Wellesley, Mass.		
Habersham, Joseph Clay	Med.	1852
Died 1881.		
Hale, Josiah Little	Surg.	1867
Died 1903.		
Hall, Custis Lee	Orthop.	1915
1408 Chapin St., N. W., Washington, D. C.		

Hall, Francis Cooley 226 Marlboro St., Boston.	East Med.	1918
Hall, Herbert James 69 Pleasant St., Marblehead, Mass.	East Surg.	1896
Hall, Robert Granville Morgan Bldg., Portland, Ore.	West Med.	1910
Hamilton, Robert De Lancey 220 High St., Newburyport, Mass.	East Med.	1904
Hammond, John Wilkes, Jr. 205 Beacon St., Boston.	Child. Med. West Med.	1911 1914
Harmer, Torr Wagner 416 Marlboro St., Boston.	East Surg.	1908
Harrington, Charles Died 1908.	East Med.	1881
Harrington, Francis Bishop Died 1914.	East Surg.	1881
Harris, Francis Augustine Died 1911.	Surg.	1871
Harrison, Paul Wilberforce Muscat, Arabia.	East Surg.	1909
Hartwell, Harry Fairbanks 36 Walnut Park, Newton, Mass.	South Surg.	1899
Hartwell, John Bryant 1121 N. Tejon St., Colorado Springs, Colo.	West Surg.	1905
Haskins, Alfred Leonard Died 1876.	Med.	1864
Hastings, William Henry Howe Died 1900.	Med.	1867
Hatch, Floyd Frost Templeton Bldg., Salt Lake City, Utah.	East Surg.	1916
Hatch, Royal Died 1917.	West Med.	1906
Hatt, Rafe Nelson 483 Beacon St., Boston.	Orth.	1919
Haven, Henry Cecil Died 1915.	East Surg.	1877
Haven, Samuel Foster Died 1862.	Med.	1854
Hawes, John Bromham, 2d 29 Gloucester St., Boston.	East Med.	1904
Hay, Gustavus Died 1908.	Med.	1856
Hayden, David Hyslop Died 1912.	Surg.	1862

Hayward, George	Surg.	1841
Died 1901.		
Hayward, George Griswold	East Surg.	1880
Died 1910.		
Head, John Frazier	Med.	1843
Died 1908.		
Heard, John Theodore	Surg.	1858
Died 1906.		
Hedblom, Carl Arthur	East Surg.	1913
Mayo Clinic, Rochester, Minn.		
Hellmann, Robert Richard	Child. Med.	1910
Died 1911, while on service.	S. & E. Surg.	1911
Hersam, Norman Paul	Dermatolog.	1912
20 Hersam St., Stoneham, Mass.		
Hewes, Henry Fox	East Med.	1895
416 Marlboro St., Boston.		
Heywood, Charles Frederick	Surg.	1846
Died 1893.		
Hildreth, Charles Hosea	Surg.	1850
Died 1884.		
Hill, George Hillard	West Surg.	1895
15 High St., Worcester, Mass.		
Hill, George Sumner	East Med.	1901
295 Beacon St., Boston.		
Hill, Lewis Webb	West Med.	1915
99 Commonwealth Ave., Boston.		
Hodgdon, Andrew Hall	West Med.	1882
110 Maple Place, Dedham, Mass.		
Hodges, William Donnison	East Surg.	1881
Died 1893.		
Hodgson, John Sprague	West Surg.	1916
Massachusetts General Hospital.		
Holbrook, Charles Albert	East Surg.	1910
50 Merrimac St., Haverhill, Mass.		
Holden, Charles Sumner	West Surg.	1883
24 So. Main St., Attleboro, Mass.		
Hollings, Charles Byam	West Surg.	1908
John Hancock Insurance Co., 178 Devonshire St., Boston.		
Holmes, Christopher Columbus	Surg.	1839
Died 1882.		
Holmes, Edward Lorenzo	Surg.	1853
Died 1900.		
Homans, Charles Dudley	Surg.	1849
Died 1886.		

Homans, John . . . . . Surg. 1861
Died 1903.

Homans, John . . . . . South Surg. 1904
559 Chestnut Hill Ave., Brookline, Mass.

Homans, John, 2d . . . . . East Surg. 1882
Died 1902.

Hooker, Anson Parker . . . . . Med. 1857
Died 1873.

Hooker, Edward . . . . . Med. 1858
Died 1858, while on service.

Hooper, Henry . . . . . Surg. 1868
1210 Astor St., Chicago, Ill.

Hopkins, Frederick Sherman . . . . . East Surg. 1919
110 Mill St., Springfield, Mass.

Hosmer, Alfred . . . . . Surg. 1855
Died 1891.

Houghton, Henry Lincoln . . . . . West Surg. 1895
176 Commonwealth Ave., Boston.

Howard, Herbert Handy . . . . . West Surg. 1914
24 Marlboro St., Boston.

Howe, Estes . . . . . Med. 1834
Died 1887.

Howe, Octavius Thorndike . . . . . West Surg. 1877
154 Beacon St., Boston.

Howe, Samuel . . . . . East Surg. 1875
Died 1879.

Howland, Joseph Briggs . . . . . West Surg. 1897
Peter Bent Brigham Hospital, Boston.

Hoyt, Charles Wentworth . . . . . West Surg. 1906
50 Westminster Road, Rochester, N. Y.

Hubbard, Joshua Clap . . . . . South Surg. 1897
86 Bay State Road, Boston.

Huntington, James Lincoln . . . . . South Surg. 1908
311 Marlboro St., Boston.

Huntington, Thomas Waterman . . . . East Med. 1876
Union Square Bldg., 350 Post St., San Francisco, Cal.

Hutchinson, Charles William . . . . . East Surg. 1918
Concord, Mass.

Hutchinson, Marcello . . . . . East Med. 1877
Died 1908.

Hyde, George Smith . . . . . Med. 1855
Died 1905.

Inches, Charles Edward . . . . . Surg. 1864
Died 1911.

Irving, Frederick Carpenter 86 Bay State Road, Boston.	West Surg.	1911
Jackson, Arthur Morison 512 Broadway, Everett, Mass.	West Surg.	1917
Jackson, George Henry, Jr. 1380 West 20th St., Los Angeles, Cal.	Orthop.	1919
Jackson, Henry 380 Marlboro St., Boston.	East Med.	1885
Jackson, Henry, Jr. 380 Marlboro St., Boston.	East Med.	1919
Jackson, James Marsh Died 1918.	West Med.	1891
Jackson, John Barnard Swett Died 1879.	Apothecary	1827
Jackson, Sumner Waldron Waldoboro, Maine.	East Surg.	1916
Jacobs, Henry Barton 11 Mt. Vernon Place, W., Baltimore, Md.	East Med.	1888
Janes, Benjamin Franklin 218 Elm St., Northampton, Mass.	Dermatolog.	1909
Jaques, Henry Percy Lenox, Mass.	West Med.	1880
Jelly, Arthur Carleton 10 Arlington St., Boston.	East Med.	1892
Jennings, Alpheus Felch 435 Jefferson Ave., Detroit, Mich.	West Med.	1912
Johnson, Harold Abbott 70 Broad St., Lynn, Mass.	West Surg.	1901
Johnson, John Bates St. Louis, Mo.	Surg.	1838
Johnson, Walter Sidney Brockman Bldg., Los Angeles, Cal.	West Surg.	1899
Johnson, William Otis Died 1873.	Med.	1848
Jones, Basil Bradbury Memorial Hospital, Twelfth and Broad Sts., Richmond, Va.	East Med. Child. Med.	1918 1919
Jones, Claudius Marcellus Died 1892.	East Med.	1875
Jones, Daniel Fiske 195 Beacon St., Boston.	West Surg.	1897
Jones, Ralph Kneeland Died 1888.	Med.	1846
Joslin, Elliot Proctor 81 Bay State Road, Boston.	West Med.	1895

Jouett, Frederic Robert	West Med.	1900
3 Garden St., Cambridge, Mass.		
Keller, Ernest Victor	Orthop.	1914
Died 1919.		
Kennedy, Arthur Lemuel	East Med.	1902
835 Gaylord Ave., Denver, Colo.		
Kent, Barker Brooks	Surg.	1868
Died 1873.		
Kerr, William John	West Med.	1916
University of California, San Francisco, Cal.		
Kidder, Edward Hamilton	West Surg.	1894
Died 1898.		
Kidner, Frederick Clinton	South Surg.	1905
1337 David Whitney Bldg., Detroit, Mich.		
Kilgore, Alson Raphael	West Med.	1914
Care China Medical Board, 61 Broadway, New York City.		
Kilgore, Eugene Sterling	West Med.	1911
391 Sutter St., San Francisco, Cal.		
Kimball, George Morrill	West Surg.	1885
226 No. Main St., Concord, N. H.		
Kingman, Lucius Collinwood	West Surg.	1905
76 Waterman St., Providence, R. I.		
Kingsley, George Lyle	West Surg.	1890
Died 1890.		
Kinnicutt, Roger	East Med.	1908
72 Cedar St., Worcester, Mass.		
Kramer, James Gerard	Child. Med.	1917
517 High Ave., N. W., Canton, Ohio.		
Lacey, Walter Hamer	West Surg.	1917
78 West St., Keene, N. H.		
Ladd, Maynard	West Med.	1900
270 Clarendon St., Boston.		
Lambert, Alfred	Surg.	1845
Died 1885.		
Lamson, Paul Dudley	East Med.	1910
49 West St., Worcester, Mass.		
Lane, Jonas Henry	Apothecary	1824
Died 1861.		
Lane, William Nourse	Surg.	1852
Died 1862.		
Langmaid, Samuel Wood	Surg.	1863
Died 1915.		
Langnecker, Harry Lesley	Orthop.	1908
505 Embarcadero Road, Palo Alto, Cal.		

Lanman, Thomas Hinckley . . . . . East Surg. 1918
Children's Hospital, Boston.

Lawrence, Charles Henry, Jr. . . . . West Med. 1910
522 Commonwealth Ave., Boston.

Lecompte, Walter Augustus . . . . . West Surg. 1899
Died 1907.

Lee, John Moore . . . . . Child. Med. 1916
349 Doctors Bldg., Nashville, Tenn.

Lee, Roger Irving . . . . . East Med. 1907
7 Lowell St., Cambridge, Mass.

Lee, William George . . . . . East Surg. 1905
4557 Broadway, Chicago, Ill.

Leland, George Adams, Jr. . . . . West Surg. 1912
209 Beacon St., Boston.

Lennox, William Gordon . . . . . West Med. 1915
Union Medical College, Peking, China.

Leonard, Edward DeWitt . . . . . East Surg. 1915
661 Commonwealth Ave., Newton Centre, Mass.

Levek, Joseph Arthur . . . . . Child. Med. 1915
32 Lawrence St., Lawrence, Mass.

Lincoln, James Rufus . . . . . Orthop. 1918
Harvard Club, Boston, Mass.

Lincoln, Merrick . . . . . West Med. 1901
61 William St., Worcester, Mass.

Lincoln, Rufus Pratt . . . . . Surg. 1867
Died 1900.

Lingenfelter, George Price . . . . . Dermatolog. 1910
Metropolitan Building, Denver, Colo.

Little, John Mason . . . . . South Surg. 1902
374 Marlboro St., Boston.

Locke, Edwin Allen . . . . . East Med. 1902
311 Beacon St., Boston.

Locke, Harry Lesley Franklin . . . . Child. Med. 1912
Hartford Isolation Hospital, Hartford, Conn.

Lombard, Frederick Howard . . . . . West Surg. 1882
Died 1885.

Lord, Frederick Taylor . . . . . East Med. 1901
305 Beacon St., Boston.

Lord, Sidney Archer . . . . . South Surg. 1894
106 Marlboro St., Boston.

Loring, Robert Gardner . . . . . West Surg. 1896
10 Arlington St., Boston.

Lothrop, Howard Augustus . . . . . East Surg. 1892
101 Beacon St., Boston.

Lothrop, Oliver Ames 101 Beacon St., Boston.	West Surg.	1909
Luikart, Ralph Herbert 2033 W. Tioga St., Philadelphia, Pa.	West Surg.	1917
Lund, Fred Bates 527 Beacon St., Boston.	West Surg.	1893
Lunt, Lawrence Kirby Middlesex School, Concord, Mass.	West Med.	1916
Lyman, Frank Alwaith Bldg., Duluth, Minn.	West Surg.	1893
Lyon, Arthur Bates 131 Norfolk St., Wollaston, Mass.	Child. Med. West Med.	1916 1917
Mabon, Thomas McCance 510 Roslyn Place, Pittsburg, Pa.	West Med.	1918
MacAusland, Andrew Roy 240 Newbury St., Boston.	West Surg.	1911
Mack, William Died 1895.	Surg.	1837
Macomber, Donald 15 Temple St., West Newton, Mass.	South Surg.	1911
Manahan, Thomas James Died 1911.	South Surg.	1900
Manton, Walter Williamson 32 Adams Ave., W., Detroit, Mich.	South Surg.	1910
Marble, Henry Chase 216 Newbury St., Boston.	West Surg.	1912
Marks, Henry Koval 565 Park Ave., New York City.	East Med.	1909
Marshall, Herman Weston 66 Bay State Road, Boston.	West Surg. Orthop.	1907 1908
Marvin, Frank William 520 Commonwealth Ave., Boston.	West Surg.	1915
Mason, Amos Lawrence Died 1914.	Med.	1871
Mason, George Edward Died 1882.	Surg.	1864
Mason, William Castein 70 Main St., Bangor, Maine.	East Surg.	1878
May, William Ropes 6 W. 50th St., New York City.	East Med.	1900
Mayo, Thomas Franklin Died 1919.	Orthop.	1911

McCartin, John Edward . . . . . Orthop. 1912
467 Columbia Road, Dorchester, Mass.

McClellan, Reyburn . . . . . West Med. 1918
81 Moreland St., Roxbury, Mass.

McDowell, William Patton . . . . . Child. Med. 1917
207 Taylor Bldg., Norfolk, Va.

McKittrick, Leland Sterling . . . . . West Surg. 1919
1071 Beacon St., Boston.

Mead, Louis Guy . . . . . East Med. 1901
259 Beacon St., Boston.

Meader, Charles Nash . . . . . East Med. 1912
McPhee Bldg., Denver, Colo.

Means, James Howard . . . . . East Med. 1913
15 Chestnut St., Boston.

Mears, Elijah Raymond . . . . . Surg. 1840
Died 1841.

Metcalf, Carleton Ray . . . . . East Surg. 1907
4 N. State St., Concord, N. H.

von Meysenbug, Ludo . . . . . Child. Med. 1917
613 Washington Ave., S. E., Minneapolis, Minn. West Med. 1918

Millard, Jean Sears . . . . . Dermatolog. 1911
52 Barton St., Akron, Ohio.

Miller, Ernest Parker . . . . . West Med. 1877
408 Main St., Fitchburg, Mass.

Miller, Richard Henry . . . . . East Surg. 1911
279 Clarendon St., Boston.

Minot, George Richards . . . . . East Med. 1913
188 Marlboro St., Boston.

Minot, James Jackson . . . . . East Med. 1878
188 Marlboro St., Boston.

Mixter, Charles Galloupe . . . . . West Surg. 1907
180 Marlboro St., Boston.

Mixter, Samuel Jason . . . . . West Surg. 1879
180 Marlboro St., Boston.

Mixter, William Jason . . . . . South Surg. 1907
180 Marlboro St., Boston.

Moffitt, Herbert Charles . . . . . East Med. 1895
1818 Broadway, San Francisco, Cal.

Monks, George Howard . . . . . East Surg. 1880
51 Commonwealth Ave., Boston.

Montgomery, Orland Franklin . . . . East Surg. 1916
Tulare, Cal.

Moore, Frederick Fiske . . . . . West Med. 1876

Moore, George Albert 167 Newbury St., Brockton, Mass.	West Surg.	1911
Moorehouse, George Wilton 1110 Euclid Ave., Cleveland, Ohio.	East Med.	1899
Morrill, Ferdinand Gordon Died 1907.	Surg.	1868
Morrill, Gordon Niles Osborn Bldg., Cleveland, Ohio.	Orthop.	1908
Morrison, Wayland Augustus 337 Kerckhoff Bldg., Los Angeles, Cal.	West Surg.	1916
Morse, George W 20 Mt. Vernon St., Boston.	East Surg.	1910
Morse, Henry Lee North St., Medfield, Mass.	West Surg.	1878
Morton, William James University Club, New York City.	Surg.	1871
Moseley, William Edward Died 1916.	East Med.	1874
Moseley, William Oxnard Died 1879.	West Med.	1878
Mosher, Harris Peyton 828 Beacon St., Boston.	East Surg.	1897
Mumford, James Gregory Died 1914.	East Surg.	1890
Murphy, Fred Towsley 2248 Penobscot Bldg., Detroit, Mich.	West Surg.	1901
Musgrave, Percy Bar Harbor, Maine.	East Med.	1899
Neal, Kemp Prather Monroe, North Carolina.	East Surg.	1918
New, Way Sung Union Medical College, Peking, China.	Orthop.	1918
Newburgh, Louis Harry University Hospital, Ann Arbor, Mich.	West Med.	1909
Newell, Franklin Spelman 443 Beacon St., Boston.	South Surg.	1896
Newell, Otis Kimball	East Surg.	1883
Newhall, Harvey Field 51 Nahant St., Lynn, Mass.	East Surg.	1906
Newhall, Herbert William 82 Broad St., Lynn, Mass.	West Med.	1883
Nichols, Arthur Howard 55 Mt. Vernon St., Boston.	Surg.	1865

Norton, Chauncey Williams	West Surg.	1902
Saranac Lake, N. Y.		
Nye, Robert Nason	East Med.	1919
48 Lancaster Terrace, Brookline, Mass.		
Oakman, Carl Shepard	East Surg.	1904
62 Bagg St., Detroit, Mich.		
Odin, John	Surg.	1832
Died 1864.		
Odiorne, Walter Burlingame	East Surg.	1900
Died 1906.		
O'Ferrall, John Tolson	Orthop.	1913
1321 Second St., New Orleans, La.		
Oliphant, Robert Woodruff	Med.	1848
Died 1883.		
Oliver, Everard Lawrence	Dermatolog.	1907
362 Commonwealth Ave., Boston.		
Oliver, Henry Kemble	Med.	1854
Died 1919.		
Oliver, Joseph Pearson	Med.	1870
Died 1903.		
Omer, Joy Alva	Orthop.	1912
George Washington Univ. Hosp., Washington, D. C.		
O'Neil, Richard Frothingham	West Surg.	1895
374 Marlboro St., Boston.	East Med.	1896
Ordway, Clarence Eugene	West Surg.	1906
371 Main St., Winchester, Mass.		
Osgood, Howard	East Med.	1917
264 Newbury St., Boston.		
Osgood, Robert Bayley	West Surg.	1900
372 Marlboro St., Boston.		
Otis, Walter Joseph	West Surg.	1880
267 Beacon St., Boston.		
Overlander, Charles Leonard	West Med.	1906
520 Beacon St., Boston.		
Packard, George Byron, Jr.	East Surg.	1916
1344 Franklin St., Denver, Colo.		
Page, William Hussey	Surg.	1852
Died 1888.		
Painter, Charles Fairbank	East Surg.	1896
522 Commonwealth Ave., Boston.		
Palfrey, Francis Winslow	West Med.	1903
80 Marlboro St., Boston.		
Palmer, Walter Walker	East Med.	1911
Johns Hopkins Hospital, Baltimore, Md.		

Park, James Howard . . . . . Child. Med. 1918
309 Carter Bldg., Houston, Texas.

Park, John Gray . . . . . Med. 1861
Died 1905.

Parker, Willard . . . . . Med. 1829
Died 1884.

Parker, Willard Stephen . . . . . East Med. 1911
483 Beacon St., Boston.

Parkhurst, Albert Elisha . . . . . West Med. 1919
35 Bay State Road, Boston.

Parkman, Samuel . . . . . Med. 1836
Died 1854.

Parmenter, Derric Choate . . . . . East Med. 1918
East Gloucester, Mass.

Patterson, Russel Hugo . . . . . East Surg. 1919
Second Surgical Divis., Bellevue Hospital, New York City.

Peabody, Charles William . . . . . East Surg. 1917
Massachusetts General Hospital.

Peabody, Francis Weld . . . . . East Med. 1908
Peter Bent Brigham Hospital, Boston.

Pearl, Frederick Warren . . . . . East Surg. 1895
125 East 36th St., New York City.

Pease, Edward Allen . . . . . West Surg. 1892
431 Beacon St., Boston.

Pegram, John Combe, Jr. . . . . West Surg. 1896
Died 1906.

Pemberton, Frank Arthur . . . . . South Surg. 1911
355 Marlboro St., Boston.

Percy, Karlton Goodsell . . . . . East Med. 1912
362 Commonwealth Ave., Boston.

Perkins, William Albert . . . . . East Surg. 1917
639 29th Ave., San Francisco, Cal.

Peterson, Hugo Oliver . . . . . East Med. 1912
44 Pleasant St., Worcester, Mass.

Pfeiffer, Oscar Joseph . . . . . East Surg. 1884
1441 Logan St., Denver, Colo.

Phillips, Jerrie Knowlton . . . . . West Surg. 1886
Died 1899.

Phippen, Hardy . . . . . East Surg. 1889
84 Washington Sq., Salem, Mass.

Phippen, Walter Gray . . . . . South Surg. 1906
31 Chestnut St., Salem, Mass.

Pierce, George Burgess . . . . . West Surg. 1900
Milton, Mass.

Pierson, Edward Brooks Died 1874.	Surg.	1842
Pierson, Philip Hale 1721 Pacific St., San Francisco, Cal.	East Med.	1915
Porter, Charles Allen 116 Beacon St., Boston.	East Surg.	1893
Porter, Charles Burnham Died 1909.	West Surg.	1864
Porter, Francis Edward 409 Auburn St., Auburndale, Mass.	Surg.	1872
Post, Abner 16 Newbury St., Boston.	Surg.	1869
Potter, Alexander Carleton 1 Potter Park, Cambridge, Mass.	South Surg.	1900
Potter, Nathaniel Bowditch Died 1919.	East Med.	1898
Pratt, Calvin South St., Bridgewater, Mass.	Surg.	1865
Pratt, Herbert James Died 1915.	Med.	1867
Pratt, John Washburn Dedham, Mass.	West Surg.	1886
Prescott, Henry Dudley 176 William St., New Bedford, Mass.	East Surg.	1904
Putnam, Charles Pickering Died 1914.	Med.	1868
Putnam, Charles Russell Lowell 121 East 38th St., New York City.	South Surg.	1895
Putnam, James Jackson Died 1918.	Med.	1869
Quinby, William Carter Peter Bent Brigham Hospital, Boston.	East Surg.	1903
Quincy, Henry Parker Died 1899.	Surg.	1866
Rackemann, Francis Minot 263 Beacon St., Boston.	East Med.	1914
Ragle, Benjamin Harrison 35 Bay State Road, Boston.	East Med.	1917
Rappleye, Willard Cole 215 Van Auken St., Menominee, Mich.	West Med.	1919
Ray, Benjamin Lincoln Died 1879.	Med.	1858
Reggio, André William 356 Beacon St., Boston.	West Surg.	1914

Reynolds, Edward . . . . . East Surg. 1885
321 Dartmouth St., Boston.

Reynolds, John Phillips . . . . . Med. 1851
Died 1909.

Reynolds, Joseph . . . . . Apothecary 1825
Died 1872.

Rice, Alexander Hamilton . . . . . East Surg. 1905
688 Boylston St., Boston.

Richards, Dexter Newell . . . . . East Surg. 1912
475 Geary St., San Francisco, Cal.

Richardson, Edward Pierson . . . . . East Surg. 1907
224 Beacon St., Boston.

Richardson, Mark Wyman . . . . . West Med. 1895
Room 23, 67 Milk St., Boston.

Richardson, Maurice Howe . . . . . East Surg. 1877
Died 1912.

Richardson, William Lambert . . . . . Med. 1866
225 Commonwealth Ave., Boston.

Riley, Augustus . . . . . South Surg. 1909
857 Beacon St., Boston.

Risley, Edward Hammond . . . . . East Surg. 1908
520 Commonwealth Ave., Boston.

Robbins, Chandler . . . . . South Surg. 1905
Weston, Mass.

Robertson, Oswald Hope . . . . . West Med. 1914
Rockefeller Institute for Medical Research, 66th St. & Ave. A, New York City.

Robinson, Carl Merrill . . . . . West Surg. 1913
Leighton Bldg., Longfellow Sq., Portland, Maine.

Robinson, Samuel . . . . . South Surg. 1902
420 San Marcos Bldg., Santa Barbara, Cal.

Robinson, Samuel Quincy . . . . . Surg. 1876
Died 1899.

Rock, John Charles . . . . . West Surg. 1919
Marlboro, Mass.

Rockey, Eugene Watson . . . . . East Surg. 1914
Electric Bldg., Portland, Ore.

Rogers, Orville Forrest, Jr. . . . . West Med. 1913
Dept. of Health, Yale University, New Haven, Conn.

Ropes, Francis Codman . . . . . Surg. 1859
Died 1869.

Rosser, Curtice . . . . . West Surg. 1918
4002 Gaston Ave., Dallas, Texas.

Rotch, Thomas Morgan . . . . . West Med. 1874
Died 1914.

Sabine, George Kraus . . . . . Surg. 1872
30 Irving St., Brookline, Mass.

Sadler, Roy Angelo . . . . . East Med. 1909
652 Massachusetts Ave., Boston.

Salisbury, Stephen . . . . . Surg. 1834
Died 1875.

Sanford, Henry Lindsay . . . . . East Surg. 1901
213 Ball Bldg., 1110 Euclid Ave., Cleveland, Ohio.

Sargent, Joseph . . . . . Med. 1837
Died 1888.

Sargent, Lucius Manlius . . . . . Surg. 1855
Died 1864.

Sawyer, Albert Franklin . . . . . Surg. 1851
Died 1903.

Sawyer, Wilbur Augustus . . . . . West Med. 1908
Care Internat'l Health Bd., 61 Broadway, New York.

Sayward, William Henry, Jr. . . . . West Med. 1900
Wayland, Mass.

Schnack, Adolph George . . . . . East Med. 1917
22 Ellsworth Ave., Cambridge, Mass.

Schneider, Chester Clayton . . . . . East Surg. 1919
599 Thirty-fourth St., Milwaukee, Wis.

Scholl, Albert John, Jr. . . . . East Surg. 1917
627 Fourth St., S. W., Rochester, Minn.

Schram, Charles . . . . . West Med. 1886
52 East 82d St., New York City.

Schwartz, Abraham Bernard . . . . . Child. Med. 1914
Room 410, Goldsmith Bldg., Milwaukee, Wis.

Scott, Arthur Carroll, Jr.. . . . . West Surg. 1919
Temple Sanitarium, Temple, Texas.

Scott, Zaccheus Roscoe . . . . . Child. Med. 1915
1011 Westinghouse Bldg., Pittsburg, Pa.

Scudder, Charles Locke . . . . . East Surg. 1889
209 Beacon St., Boston.

Scudder, Gardiner Hubbard . . . . . West Med. 1896
Died 1896.

Seabury, Robert Brewster . . . . . West Surg. 1918
19 Park Lane St., Jamaica Plain, Mass.

Sears, George Gray . . . . . West Med. 1885
426 Beacon St., Boston.

Seaverns, Joel . . . . . Med. 1853
Died 1894.

Seelye, Ralph Holland . . . . . East Surg. 1891
73 Chestnut St., Springfield, Mass.

Seelye, Walter Clark . . . . . West Surg. 1900
66 William St., Worcester, Mass.

Sefton, Wilfred . . . . . West Med. 1919
Auburn, N. Y.

Sewall, John Gallison . . . . . Med. 1847
Died 1872.

Shattuck, Frederick Cheever . . . . . Med. 1872
135 Marlboro St., Boston.

Shattuck, George Cheever . . . . . East Med. 1906
205 Beacon St., Boston.

Shaw, Henry Alden . . . . . West Surg. 1891
Colonel, Medical Corps, United States Army, Washington, D. C.

Sheahan, George Maurice . . . . . West Surg. 1908
12 School St., Quincy, Mass.

Sheldon, Russell Firth . . . . . East Surg. 1912
31 Pinckney St., Boston.

Sherman, Thomas Foster . . . . . West Med. 1881
Died 1893.

Sherrick, Joseph Leslie . . . . . West Med. 1915
317 East Broadway, Monmouth, Ill.

Shirley, John Newton . . . . . West Surg. 1918
South Duxbury, Mass.

Sibley, Benjamin Ernest . . . . . South Surg. 1906
1732 Beacon St., Brookline, Mass.

Silverman, Abraham Clement . . . . . Child. Med. 1917
College of Medicine, Syracuse University, Syracuse, N. Y.

Simmons, Channing Chamberlain . . . East Surg. 1900
317 Marlboro St., Boston.

Sinclair, Alexander Doull . . . . . Med. 1856
Died 1911.

Sisson, Eugene Pardon, Jr. . . . . Child. Med. 1918
639 Tennesee St., Lawrence, Kansas.

Sisson, Warren Richards . . . . . Child. Med. 1912
293 Marlboro St., Boston.

Slade, Daniel Denison . . . . . Surg. 1848
Died 1896.

Smith, Curtis Everett . . . . . West Med. 1919
Massachusetts General Hospital.

Smith, George Gilbert . . . . . West Surg. 1909
352 Marlboro St., Boston.

Smith, Harold Wellington . . . . . South Surg. 1903
Commander, United States Navy, Washington, D. C.

Smith, Hervey Lewis . . . . . West Med. 1907
249 Union St., Springfield, Mass.

Smith, Ira St. Clair Died 1891.	Surg.	1868
Smith, Richard Mason 329 Beacon St., Boston.	West Med.	1909
Smith, William David 99 Commonwealth Ave., Boston.	West Med.	1913
Smith, William Henry 8 Marlboro St., Boston.	West Med.	1897
Smith, William Lord 23 W. Cedar St., Boston.	West Surg.	1892
Smith-Petersen, Marius Nygaard 166 Newbury St., Boston.	Orthop.	1916
Sowles, Horace Kennedy 279 Clarendon St., Boston.	West Surg.	1917
Spalding, Roger Duxbury, Mass.	East Med.	1902
Sparhawk, Thomas Died 1874.	Med.	1831
Spear, Louis Mahlon 483 Beacon St., Boston.	East Med.	1906
Spence, Ralph Case Babies' Hospital, 135 East 55th St., New York City.	East Med.	1919
Spooner, Lesley Hinckley 520 Commonwealth Ave., Boston.	East Med.	1909
Sprague, Richard Died 1892.	West Surg.	1888
Sprague, Russell Bradford Foxboro, Mass	Orthop.	1911
Stearns, John Died 1898.	Surg.	1859
Stearns, Thornton Tsinan, Shantung, China.	East Surg. Orthop.	1913 1914
Stedman, Charles Ellery Died 1909.	Surg.	1854
Stedman, George 1069 Boylston St., Boston.	West Surg.	1875
Stedman, Henry Rust 48 Beacon St., Boston.	East Surg.	1874
Steenberg, Donald Benjamin Aurora, Neb.	East Surg.	1915
Steenberg, Edmund Kenneth Boston Lying-in Hospital, Boston.	East Surg.	1919
Stern, Newton Samuel 430 Garland Place, Memphis, Tenn.	East Med.	1917

Stevens, Harold Wentworth	Child. Med.	1914
Saco, Maine.	East Med.	1916
Stevens, Horace Paine	West Surg.	1907
520 Commonwealth Ave., Boston.		
Stevens, Lewis Tebbets	West Med.	1887
Died 1898.		
Stickney, Josiah Henry	Surg.	1857
Died 1901.		
Stone, Arthur Kingsbury	West Surg.	1888
44 Fairfield St., Boston.		
Stone, James Savage	East Surg.	1894
234 Marlboro St., Boston.		
Storer, Malcolm	East Surg.	1890
476 Boylston St., Boston.		
Stowell, Edmund Channing	East Med.	1893
Marlboro, N. H.		
Strauss, Arthur Edgar	East Med.	1916
612 Humboldt Bldg., St. Louis, Mo.		
Strong, Charles Pratt	West Surg.	1881
Died 1893.		
Sturgis, Frederick Russell	Surg.	1866
Died 1919.		
Sutter, Loe Albright	Dermatolog.	1913
Kansas Sanitarium, Wichita, Kan.		
Swaim, Loring Tiffany	West Surg.	1912
372 Marlboro St., Boston.		
Swain, Howard Townsend	East Surg.	1898
226 Commonwealth Ave., Boston.	West Med.	1899
Swan, Charles Walter	Med.	1863
19 Elm St., Branford, Conn.		
Swan, William Donnison	East Surg.	1886
167 Brattle St., Cambridge, Mass.		
Sweet, Clifford Daniel	Child. Med.	1913
710 Griffith McKenzie Bldg., Fresno, Cal.		
Swett, Samuel	Surg.	1831
Died 1866.		
Swift, John Baker, Jr.	South Surg.	1909
419 Beacon St., Boston.		
Swift, William Nye	East Med.	1881
Died 1911.		
Talbot, Fritz Bradley	East Med.	1907
311 Beacon St., Boston.		
Talbot, John Edward	East Med.	1914
28 Pleasant St., Worcester, Mass.		

Tarbell, George Grosvenor	Surg.	1864
Died 1900.		
Taylor, Frederick Weston	East Med.	1882
Died 1919.		
Taylor, John Houghton	East Med.	1917
1735 Massachusetts Ave., Cambridge, Mass.		
Temple, William Franklin, Jr.	West Surg.	1913
377 Beacon St., Boston.		
Thaxter, Langdon Thom	East Med.	1916
Y. M. C. A Bldg., Portland, Maine.		
Thayer, William Henry	Med.	1842
Died 1897.		
Thayer, William Sydney	West Med.	1889
406 Cathedral St., Baltimore, Md.		
Thomas, Henry Malcolm, Jr.	West Med.	1917
1228 Madison Ave., Baltimore, Md.		
Thomas, Thomas Kemble	Surg.	1830
Died 1863.		
Thompson, Frederick Henry	Surg.	1869
3 Pleasant St., Fitchburg, Mass.		
Thorndike, Augustus	West Surg.	1889
601 Beacon St., Boston.		
Thorndike, William	Surg.	1856
Died 1887.		
Thorndike, William Henry	Surg.	1848
Died 1884.		
Thorndike, William Tecumseh Sherman	West Surg.	1919
22 Marlboro St., Boston.		
Tilden, George Horton	East Surg.	1876
Died 1916.		
Tileston, Wilder	East Med.	1900
424 Temple St., New Haven, Conn.		
Tobey, James Edwin	Surg.	1871
Died 1891.		
Toppan, Roland Lesley	South Surg.	1910
140 High St., Newburyport, Mass.		
Torbert, James Rockwell	East Surg.	1902
252 Marlboro St., Boston.		
Tower, Charles Carroll	Med.	1858
Died 1893.		
Townsend, Charles Wendell.	East Med.	1886
76 Marlboro St., Boston.		
Townsend, William Edward	Surg.	1843
Died 1866.		

Tuck, Henry . . . . . Surg. 1833
Died 1845.

Tuck, Henry . . . . . Med. 1866
Died 1904.

Van Nüys, Fresenius . . . . . East Med. 1907
Weston, Mass.

Van Stone, Leonard Mathews . . . . . West Med. 1917
936 Metropolitan Bldg., Denver, Colo.

Vaughn, Charles Everett . . . . . Med. 1862
Died 1904.

Vickery, Eugene Augustus . . . . . West Surg. 1904
Lieut. Commander, M. C., United States Navy, Washington, D. C.

Vickery, Herman Frank . . . . . West Med. 1882
26 Chestnut St., Brookline, Mass.

Vincent, Beth . . . . . West Surg. 1903
295 Beacon St., Boston.

Vose, Robert Henry . . . . . East Surg. 1897
443 Beacon St., Boston.

Wadsworth, Oliver Fairfield . . . . . Med. 1863
Died 1911.

Wadsworth, Richard Goodwin . . . . . South Surg. 1901
522 Commonwealth Ave., Boston.

Wakefield, Alley Talbot . . . . . West Surg. 1883
Died 1886.

Walcott, William Wright . . . . . South Surg. 1906
Died 1919.

Walker, Melvin Harvey, Jr. . . . . East Surg. 1914
18 Bank Row, Pittsfield, Mass.

Waring, Elmar Stebbins . . . . . East Med. 1919
1600 Pendleton St., Columbia, S. C.

Warren, Charles Fletcher . . . . . West Surg. 1915
Amesbury, Mass.

Warren, Hobart Endicott . . . . . East Surg. 1894
Main St. Ashburnham, Mass.

Warren, John Collins . . . . . Surg. 1865
58 Beacon St., Boston.

Washburn, Frederic Augustus . . . . South Surg. 1897
Massachusetts General Hospital.

Waterman, George Arthur . . . . . West Med. 1901
The Charlesgate, Beacon St., Boston.

Waterman, Thomas . . . . . Surg. 1867
Died 1901.

Watson, Francis Sedgewick . . . . . East Surg. 1879
92 Marlboro St., Boston.

Webster, Fred Patterson 12 Pine St., Portland, Maine.	West Med.	1902
Webster, Harrison Briggs Died 1918.	East Surg.	1910
Weis, Joseph Deutsch 1448 Jackson Ave., New Orleans, La.	West Med.	1899
Wells, Charles Edward Newport Hospital, Newport, R. I.	Orthop.	1910
West, George Webb Died 1897.	West Surg.	1879
Wetherell, Bryant Davis 479 Beacon St., Boston.	East Surg.	1918
Wheeler, Alfred Augustus 48 Mt. Pleasant St., Leominster, Mass.	South Surg.	1894
Wheeler, John Brooks 210 Pearl St., Burlington, Vt.	East Surg.	1879
Wheeler, Leonard 12 Chestnut St., Worcester, Mass.	Med.	1869
Whipple, Jeremiah Died 1871.	Med.	1865
White, Franklin Warren 322 Marlboro St., Boston.	East Med.	1896
White, James Clark Died 1916.	Med.	1855
White, John Lane Died 1902.	Med.	1854
White, Paul Dudley Massachusetts General Hospital.	Child. Med. West Med.	1911 1913
Whiteside, George Shattuck Journal Bldg., Portland, Ore.	West Surg.	1898
Whitney, James Lyman 6120 Lawton Ave., Oakland, Cal.	West Med.	1906
Whitney, William Fiske 228 Marlboro St., Boston.	West Med.	1875
Whittemore, James Madison Died 1863.	Apothecary	1822
Whittemore, William Stewart 39 Brattle St., Cambridge, Mass.	South Surg.	1910
Whittemore, Wyman 330 Dartmouth St., Boston.	West Surg.	1906
Whittier, Edward Newton Died 1902.	Med.	1868
Willard, Josiah Newell Died 1870.	Med.	1859

Willard, Robert . . . . . Med. 1862
Died 1892.

Williams, Hugh . . . . . West Surg. 1899
301 Beacon St., Boston.

Wilson, John Cree . . . . . Orthop. 1917
810 Brockman Bldg., 7th and Grand Ave., Los Angeles, Cal.

Wilson, Philip Duncan . . . . . East Surg. 1914
372 Marlboro St., Boston.

Winn, William Adams . . . . . East Surg. 1876
Died 1890.

Winslow, Fred Bradlee . . . . . South Surg. 1901
275 Clarendon St., Boston.

Winsor, Allen Pellington . . . . . West Med. 1919
Massachusetts General Hospital.

Witherle, Charles Bryant . . . . . West Surg. 1881
21 Deering St., Portland, Maine.

Wood, Edward Stickney . . . . . Surg. 1870
Died 1905.

Wood, James Augustus . . . . . Child. Med. 1915
Yankton, S. Dakota.

Wood, William Almon . . . . . Child. Med. 1916
201 Alta Vista Bldg., Berkeley, Cal.

Woodbury, Frederick Clinton . . . . . East Med. 1886
Died 1886.

Woodbury, Willard Porter . . . . . East Surg. 1908
Died 1910.

Workman, William Hunter . . . . . Med. 1871
Worcester, Mass.

Wright, Mary . . . . . Child. Med. 1919
Great Barrington, Mass.

Wright, Wade Stanley . . . . . West Med. 1916
48 Williams St., Brookline, Mass.

Wyman, Morrill . . . . . Med. 1836
Died 1903.

Yost, Jonathan Dixon . . . . . East Surg. 1898
417 Montgomery St., San Francisco, Cal.

Young, Edward Lorraine, Jr. . . . . West Surg. 1910
279 Claredon St., Boston.

Young, Ernest Boyen . . . . . West Surg. 1897
434 Marlboro St., Boston.

Young, James Herbert . . . . . West Med. 1908
520 Commonwealth Ave., Boston.

LIST OF HOUSE PHYSICIANS AND SURGEONS

Morse, George W.	East Surg. . . .	1911–1912
Cutler, George David	West Surg. . . .	1912–1913
Leland, George Adams, Jr. .	East Surg. . . .	1912–1915
Crabtree, Harvard Hersey . .	West Surg. . . .	1913–1914
Palmer, Walter Walker . . .	East Med. . . .	1913–1915
Crabtree, Ernest Granville . .	Genito-Urinary .	1913–1915
Coller, Frederick Amasa . . .	West Surg. . . .	1914–1915
White, Paul Dudley	West Med. . . .	1914–1917
Harrison, Paul Wilberforce .	Genito-Urinary .	1915
Cutler, Elliott Carr	West Surg. . . .	1915–1916
Morton, John Jamieson, Jr. .	East Surg. . . .	1915–1916
Rogers, Orville Forrest, Jr. .	East Med. . . .	1915–1916
Aub, Joseph Charles	East Med. . . .	1916–1917
Merrill, Adelbert Samuel . . .	X-Ray	1915–1916
Hatch, Floyd Frost	East Surg. . . .	1916–1917
Hodgson, John Sprague . . .	West Surg. . . .	1916
Horrax, Gilbert	West Surg. . . .	1916–1917
Crabtree, Harvard Hersey . .	Genito-Urinary .	1916–1919
Moore, Sherwood	X-Ray	1916–1917
Packard, George Byron, Jr. .	East Surg. . . .	1917
Sowles, Horace Kennedy . .	West Surg. . . .	1917
Perkins, William Albert . . .	East Surg. . . .	1917–1918
McCarty, E. Denton	X-Ray	1917–1918
Hutchinson, Charles William .	West Surg. . . .	1918
Osgood, Herman A.	X-Ray	1918–1919
Goethals, Thomas Rodman. .	East Surg. . . .	1919
Patterson, Russel Hugo . . .	Genito-Urinary .	1919
Martin, Charles Louis . . .	X-Ray	1919
Chaffin, George Lawrence. . .	West Surg. . . .	1919

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1920 ROBERT HOMANS, 53 State Street.

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MESSRS. O'NEIL, TUTTLE, and MACOMBER.

Out-Patient Department

MESSRS. GANNETT and O'NEIL, and MRS. THAYER.

Phillips House

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March and September.

MESSRS. KIDDER and FESSENDEN

April and October.

Mr. O'Neil and Mrs. Thayer.

May and November.

Messrs. Wigglesworth and Gannett.

June and December.

Messrs. Foster and Tuttle.

July.

Messrs. Endicott and Homans.

August.

Messrs. Lowell and Macomber.

1921

January.

Messrs. Endicott and Homans.

February.

Messrs. Lowell and Macomber.

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Mrs. Harcourt Amory, 293 Beacon Street.
Mrs. Francis H. Appleton, Jr., 451 Marlboro Street.
Mrs. Jeffrey R. Brackett, 220 Marlboro Street.
Mrs. Charles A. Coolidge, 82 Marlboro Street.
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Mrs. Lincoln Davis, 217 Beacon Street.
Mrs. Richard W. Hale, 209 Bay State Road.
Mrs. Arthur D. Hill, 17 Brimmer Street.
Mrs. A. Lawrence Hopkins, 46 Commonwealth Ave
Mrs. Roger I. Lee, 7 Lowell Street, Cambridge.
Mrs. William Jason Mixter, 219 Beacon Street.
Mrs. Robert S. Russell, 20 Commonwealth Avenue.
Mrs. C. S. Tuckerman, 201 Bay State Road.

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Mrs. William T. Councilman, 78 Bay State Road.
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Mrs. John C. Gray, 176 Beacon Street.
Mrs. Charles P. Greenough, 45 Carlton Street, Longwood.
Mrs. William Lawrence, 122 Commonwealth Avenue.
Mrs. John H. Morison, 44 Brimmer Street.

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Assistant Resident Physicians

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Alvira Stevens, R.N. Sophie B. Eastmann, R.N.

Administrator.

Parker H. Kemble.

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Chief of West Medical Service.

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Chief of Children's Medical Service

Fritz B. Talbot, M.D.

Chief of Syphilis Department.

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GEORGE A. DIX, M.D. HENRY D. LLOYD, M.D.
WILLIAM D. SMITH, M.D.

Medical Assistant in Industrial Diseases.

WADE S. WRIGHT, M.D.

Medical Assistant in Problems of Convalescence.

JOHN BRYANT, M.D.

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A. WATSON SELLARDS, M.D.
BRYANT D. WETHERELL, M.D

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Chief of West Surgical Service.

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Chief of Orthopedic Service.

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JOHN S. HODGSON, M.D. G. LAWRENCE CHAFFIN, M.D.

House Surgeon to Genito-Urinary Department.

JOHN ROCK, M.D.

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Psychologist.

L. Eugene Emerson, Ph.D.

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D. Crosby Greene, Jr., M.D.

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William F. Knowles, M.D. Harry A. Barnes, M.D.

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Frederick E. Garland, M.D. D. Campbell Smyth, M.D.
Calvin B. Faunce, M.D.

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George H. Wright, D.M.D.

Otologist.

D. Harold Walker, M.D.

Assistant Otologist.

Oliver A. Lothrop, M.D.

Ophthalmologist.

Alexander Quackenboss, M.D.

Assistant Ophthalmologists.

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RALPH A. HATCH, M.D.

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Assistant Chemist.

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ALBERT E. STEELE, M.D.

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DALTON SCHOLARSHIPS

Two Scholarships with an income of Five Hundred Dollars each will be awarded not later than June 15, for the year beginning Sept. 15, 1920, to the candidates recommended by the General Executive Committee of the Massachusetts General Hospital and confirmed by the Trustees.

The holders of these Scholarships are required to do original work in subjects to be designated.

For particulars, apply to the Resident Physician,
MASSACHUSETTS GENERAL HOSPITAL,
Fruit Street, Boston.

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WARREN TRIENNIAL PRIZE

The Warren Triennial Prize was founded by the late Dr. J. Mason Warren in memory of his father, and his will provides that the accumulated interest of the fund shall be awarded every three years to the best dissertation, considered worthy of a premium, on some subject in Physiology, Surgery, or Pathological Anatomy, the arbitrators being the General Executive Committee of the Massachusetts General Hospital.

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